2019 ANNUAL GROUNDWATER MONITORING REPORT

Former El Campo Aluminum Facility
902 Gladys Street
El Campo, Texas 77437

Customer No. CN601736101
Regulated Entity No. RN101475192
Voluntary Cleanup Program No. 538

Prepared on behalf of:

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Simi Valley, California 93063-3386

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April 2020

Project No. 0126200001

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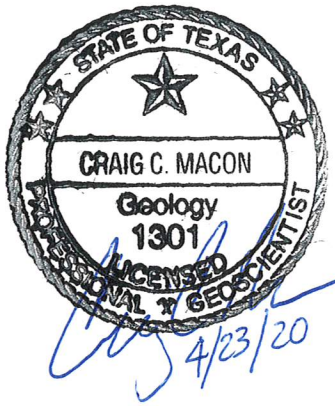

This report was prepared by the staff of Wood Environment & Infrastructure Solutions, Inc., under the supervision of the Texas Professional Geoscientist whose seal and signature appear hereon.

The findings, recommendations, specifications, or professional opinions are presented within the limits described by the client, in accordance with generally accepted professional geologic practice. No warranty is expressed or implied.

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1.0 INTRODUCTION

This report presents the methods and results of groundwater assessment, monitoring, and response action activities performed by Wood Environment & Infrastructure Solutions, Inc. (Wood; formerly Amec Foster Wheeler) on behalf of Whittaker Corporation between January and December 2019, at and in the vicinity of the former El Campo Aluminum Facility. For the purposes of this report, the term "the site" is used to define the on-site and off-site areas where groundwater monitoring and the response action is taking place. The term "the plant" refers to the former El Campo Aluminum Facility building located at 902 Gladys Street in El Campo, Texas. The site is overseen by the Texas Commission on Environmental Quality (TCEQ) under Voluntary Cleanup Program (VCP) No. 538, executed on July 20, 2006. The site is subject to the Texas Risk Reduction Program (TRRP) rules (30 Texas Administrative Code [TAC] Chapter 350). The objectives of the on-going activities at the site are to assess, monitor, and remediate the chemicals of concern (COCs) in groundwater, primarily the volatile organic compound (VOC), trichloroethene (TCE) and its degradation products including 1,1-dichloroethene (1,1-DCE), cis-1,2-dichloroethene (cDCE), trans-1,2-dichloroethene (tDCE), and vinyl chloride.

Environmental assessment activities at the site began in 1997. The details and chronology of historical investigations are summarized in Geomatrix Consultants Inc.'s December 2006 *Affected Property Assessment Report* (APAR). Response action activities are currently being implemented pursuant to the TCEQ-approved May 2008 *Response Action Plan* (RAP; Geomatrix, 2008), the December 2011 *RAP Supplement* (2011 RAP Supplement; AMEC, 2011), and the July 2014 *RAP Supplement* (2014 RAP Supplement; AMEC, 2014). Groundwater analytical results for samples collected as part of the response action are also reported in Groundwater Response Action Effectiveness Reports (RAERs), which were submitted to the TCEQ in 2011, 2012, 2016, and 2019.

Activities completed in 2019 include the following:

1. Conducted the site-wide groundwater sampling event in January/February/March 2019 (this also served as the first quarterly sampling event).

2. Conducted quarterly groundwater monitoring at select wells during the second, third, and fourth quarters of 2019 in May/June, August/September, and November/December, respectively.

3. Injected approximately 22,000 gallons of molasses as part of the active groundwater response action into Injection Galleries 1 and 4.

1.1 PUBLIC NOTIFICATION

Prior to the submittal of each groundwater monitoring report to the TCEQ, Wood notifies the public and easement holders via U.S. Mail that groundwater data are available. In addition, a copy of each annual groundwater monitoring report is sent directly to the Wharton County Library in El Campo, Texas. A notarized statement of notification required under 30 TAC § 350.55(d) and a summary table of parties receiving notices is included in this report as Appendix A.

2.0 GROUNDWATER-BEARING UNITS

Previous site characterization work has identified three generalized, coarse-grained alluvial groundwater-bearing units (GWBUs) from shallow to deep, consisting of: (1) A-Zone, which is present between approximately 32 and 50 feet bgs; (2) B-Zone, which is present between approximately 55 and 135 feet bgs; and (3) C-Zone, which is present between approximately 150 and 200 feet bgs (Geomatrix, 2006). A clay aquitard has been consistently observed between the B- and C-Zones and there is significant head difference between the B-Zone and the C-Zone (approximately 16 feet) indicating likely natural hydraulic separation.

3.0 GROUNDWATER MONITORING ACTIVITIES

The groundwater monitoring program consists of annual monitoring of all groundwater monitoring wells performed during the first quarter of each year and quarterly monitoring of select wells located near molasses injection galleries. As a supplement to the annual sampling, to better observe plume behavior at key locations, a select subset of B-Zone wells along the TCE

plume edges are additionally sampled on a quarterly basis. In addition, the central injection gallery recovery well, IG4-RW-1, is sampled monthly in accordance with the UIC Class V Injection Well Authorization (No. 5X2600478), which authorizes the injection of molasses and recovered groundwater as part of the groundwater response action activities. The current groundwater sampling schedules are shown on Tables 1,2, and 3. The results of the quarterly groundwater monitoring activities are reported to the TCEQ as part of annual groundwater monitoring reports.

To begin groundwater sampling at each well, depth to groundwater is measured prior to placing a submersible sampling pump in each monitoring well. All measurements are taken to the nearest hundredth of a foot using an electronic sounder. Low-flow groundwater purging and sampling is then performed using submersible flow-controlled pumps connected to polyethylene tubing that is dedicated to each monitoring well. Field personnel visually assess the dedicated tubing for damage and replace it when necessary. In addition, prior to sampling, each well is inspected for damage and repairs are made, as necessary. The submersible pump and associated down-hole power cord are decontaminated between uses at each monitoring well using a laboratory-grade detergent/municipal water solution.

4.0 GROUNDWATER MONITORING RESULTS

The following section presents the results of groundwater sampling activities performed in 2019.

4.1 GROUNDWATER ELEVATIONS

The following section describes the groundwater elevations for each GWBU as measured during the 2019 annual site-wide monitoring event performed during the first quarter 2019. In general, groundwater elevations and lateral groundwater gradients observed in each of the GWBUs during the reporting period were consistent with historical observations. Tables 4, 5, and 6 present a compilation of water level data for the A-, B-, and C-Zones, respectively.

4.1.1 A-Zone

Groundwater elevations in the A-Zone ranged from 64.44 feet above mean sea level (ft amsl; well MW-111A) to 68.36 ft amsl (well MW-4A). The lateral groundwater gradient in the A-Zone

is to the southwest at approximately 7 x 10^{-4} ft/ft as measured between wells MW-4A and MW-111A (Figure 1).

4.1.2 B-Zone

During the annual site-wide groundwater monitoring event, groundwater elevations in the B-Zone ranged from 58.85 ft amsl (MW-138B) to 68.41 ft amsl (MW-26B). In the northern portion of the site, a lateral groundwater gradient to the southwest of approximately 5 x 10^{-4} ft/ft exists as measured between wells MW-116B and MW-142B (Figure 2). In the southern portion of the site, a lateral groundwater gradient to the south of approximately 8 x 10^{-4} ft/ft exists as measured between wells MW-128B and MW-138B. Figure 3 shows the potentiometric surface maps generated from depth-to-groundwater measurements from the second, third, and fourth quarters of 2019. The groundwater gradient is generally consistent throughout the reporting period and with historical groundwater observations.

4.1.3 C-Zone

Groundwater elevations in the C-Zone ranged from 51.32 ft amsl (MW-11C) to 49.81 ft amsl (MW-22C). The lateral groundwater gradient in the C-Zone is south-southeasterly at approximately 5 x 10^{-4} ft/ft as measured between wells MW-11C and MW-130C (Figure 4).

4.2 GROUNDWATER ANALYTICAL RESULTS

The following sections discuss the groundwater analytical results from monitoring activities conducted during the reporting period. Groundwater analytical results for 2019 are presented in Tables 7 (A-Zone), 8 (B-Zone), and 9 (C-Zone). Groundwater results were evaluated with respect to the TCEQ's Tier 1 residential groundwater ingestion ($^{GW}GW_{Ing}$) protective concentration levels (PCLs). Groundwater analytical laboratory reports and analytical data usability summaries are included in Appendix B.

4.2.1 A-Zone

Analytical results from groundwater samples collected from A-Zone wells in 2019 indicate that the primary COC TCE slightly exceeded its PCL of 5 micrograms per liter (ug/L) in monitoring well MW-9A, with concentrations of 5.59 ug/L (First Quarter 2019) and 7.52 ug/L (Second

Quarter 2019) observed. Monitoring well 9A is immediately downgradient of the identified source area. None of the other A-Zone well samples showed PCL exceedances. The isoconcentration map for TCE in the A-Zone is presented in Figure 5.

4.2.2 B-Zone

Analytical results from groundwater samples collected from B-Zone wells in 2019 indicate that four primary COCs (TCE and its degradation products [1,1-DCE, cDCE, and vinyl chloride]) exceeded their respective PCLs in at least one well. 1,1,2-Trichloroethane, 1,1-Dichloroethane, Toluene, and Trans-1,2-dichloroethene (tDCE; also a TCE degradation product), were sporadically detected, but always below their respective PCLs, during 2019. Additional volatile organic compounds were reported at J-flagged concentrations, or otherwise at levels below their reporting quantitation limit, but each below their respective PCLs (see Table 8).

Isoconcentration maps depicting the TCE analytical results for the site-wide annual event conducted in the first quarter of 2019 are presented on Figure 6. In addition, TCE isoconcentration maps for the second, third, and fourth quarters of 2019 are presented on Figures 7, 8, and 9, respectively.

Note, the analytical results reported for samples collected from groundwater monitoring wells MW-135B, MW-136B, MW-137B, and MW-140B on April 30, 2019 (Analytical Report J184763-1) were rejected on the basis of concern over possible field procedure or analytical laboratory handling of the samples, given anomalous detections were observed in all four wells. The analytical results are wholly inconsistent with historic data. Upon receipt of the April 30, 2019 results from wells MW-135B, MW-136B, MW-137B, and MW-140B, Wood resampled these wells on May 16, 2019, and the analytical results are provided (Analytical Report J185744-1). The May 16, 2019 resampling results are consistent with the historical groundwater sampling record; therefore, they are accepted and are considered usable data. The subsequent third and fourth quarter 2019 sampling results for these four wells are also consistent with the historical groundwater sampling record and provide additional confirmation that the results for the April 30, 2019 samples were anomalous. Figure 7 presents the May 16, 2019 results, as the representative second quarter 2019 results.

The PCLE zones were delineated in the first, second, third, and fourth quarters of 2019, comprising an area extending from near well MW-6B in the north, to well MW-133B in the south. The western and eastern PCLE Zone is essentially delineated by MW-143B and MW-147B (to the west), and by MW-102B (to the east).

Isoconcentration maps depicting the 1,1-DCE, cDCE, and vinyl chloride analytical results for the first through fourth quarters of 2019 are presented on Figures 10 through 21. As shown on these figures, 1,1-DCE, cDCE, and vinyl chloride isoconcentration contours are generally consistent through 2019 and the respective PCLE zones are present in the B-Zone within the boundaries of the TCE PCLE zone. These constituents are known to be degradation products of TCE; as such, the highest concentrations of these compounds were found to exist immediately downgradient of the molasses injection galleries which supports a conclusion that the addition of carbohydrates (in the form of molasses) is working to enhance bioremediation of TCE.

Figures 22 and 23 show the TCE PCLE zone and the distribution of the B-Zone TCE plume "core" (defined as groundwater concentrations of TCE greater than 100 µg/L) over the last three annual, site-wide groundwater sampling events conducted in first quarter, 2017, 2018, and 2019, respectively. The lateral extents of the 2019 TCE PCLE zone and plume core are generally consistent with those from 2017 and 2018.

4.2.2.1 Western-Central Groundwater Plume Area

As previously documented, several B-Zone groundwater monitoring wells along the western side of the central portion of the TCE plume have exhibited increasing TCE concentration trends (wells MW-141B, MW-126B, and MW-114B). This has resulted in the expansion of both the TCE plume core and PCLE zone in this area from earlier observations. Below is an updated discussion regarding each of these three key wells.

- Well MW-141B, which is located approximately in the western portion of the interior of the TCE plume core, has exhibited an increasing TCE concentration trend since this well was installed in March 2013. However, TCE concentrations appear to be stabilizing; the TCE concentration trend for the last three years of monitoring (2017 through 2019) in samples collected from well MW-141B continues to exhibit a no definitive trend

interpretation. To address the expansion of the TCE plume core near well MW-141B, four B-Zone injection wells were installed in April 2017 (IG1-IW-14, IG1-IW-15, IG1-IW-16, and IG1-IW-17) and piped into the existing Injection Gallery 1 system. Beginning in May 2017, these four wells were included in molasses injection activities. Although not reported herein, TCE was not detected in the most recent groundwater sample result from well MW-141B collected on March 5, 2020. Based on the increasing TCE degradation daughter product and methane concentrations in MW-141B, it appears that the expansion of Injection Gallery 1 and subsequent molasses injections have been effective at treating this portion of the plume.

- Well MW-126B, which was installed in 2009, had exhibited an increasing TCE concentration trend since March 2013 when TCE was first detected. Since March 2013, TCE has consistently exceeded its PCL in this well. However, TCE concentrations appear to be declining as a result of Injection Gallery 1 operation. Although not reported herein, TCE was not detected above its PCL in the most recent groundwater sample result from well MW-126B collected on February 17, 2020.

- Well MW-114B, which is located approximately 700 feet south and downgradient of well MW-126B, began exhibiting an increasing TCE concentration trend in May 2015. TCE was detected above the PCL in all four quarters of 2019 with a high concentration of 71.7 µg/L in the fourth quarter of 2019. The PCLE zone remains delineated near MW-114B by well MW-147B, which was installed in approximately 500 feet to the southwest of MW-114B (see Figure 8). TCE was not detected in any of the four quarterly samples collected from MW-147B in 2019.

As previously documented, between 2003 and 2011, the B-Zone groundwater gradient had a stronger southerly flow direction in the central portion of the plume (near well MW-114B). Since 2011, the predominant flow direction shifted more consistently towards the southwest, which appears to have caused the western side of the central portion of the PCLE zone to shift.

4.2.2.2 Southern Groundwater Plume Area

In the *2017 Annual Groundwater Monitoring Report*, we reported that well MW-134B, which is in the southern portion of the plume, began exhibiting an increasing trend. However, TCE concentrations have since stabilized in this well. Well MW-134B was sampled quarterly in 2019 and TCE concentrations remain below the PCL, confirming continued plume delineation in this area.

4.2.3 C-Zone

Analytical results for groundwater samples collected from C-Zone wells in 2019 indicate that wells MW-7C and MW-23C exceeded the PCL for TCE (at 16.4 and 27.1 µg/L, respectively; Figure 24). The PCLE zone is delineated downgradient by well MW-130C and cross-gradient by wells MW-17C and MW-22C. Although TCE degradation products cDCE, 1,1-DCE, and tDCE were also detected in the samples collected from wells MW-7C and MW-23C, none were detected at concentrations above their PCLs. Additionally, 1,1-DCA, 1,4-dichlorobenzene, benzene, ethylbenzene, p-isopropyltoluene, styrene, and toluene were sporadically detected in samples collected from C-Zone wells during 2019, but these compounds were not detected above their respective PCLs. Figure 25 depicts the C-Zone TCE PCLE zone over the last three site-wide groundwater monitoring events. The PCLE zone has historically been present in the area surrounding wells MW-7C and/or MW-23C. The 2019 PCLE zone remained consistent with these observations.

5.0 RESPONSE ACTION STATUS

Wood is implementing the groundwater response action per the TCEQ-approved RAP and subsequent RAP Supplements (Geomatrix, 2008; AMEC, 2011; AMEC 2014). The groundwater response action objectives consist of the following: (1) active molasses injection into the core (i.e., greater than 100 µg/L) of the TCE plume within B-Zone groundwater to stimulate microbial degradation of TCE and its degradation products via aerobic cometabolism; and (2) monitored natural attenuation (MNA) of TCE-affected groundwater outside of the core of the plume (i.e., between 5 µg/L and 100 µg/L).

As discussed in Section 4.2.1.1 above, to address the expansion of the TCE plume core in the vicinity of well MW-141B, four B-Zone injection wells were installed in April 2017 (IG1-MW-14, IG1-MW-15, IG1-MW-16, and IG1-MW-17) and piped into the existing Injection Gallery 1 system. Beginning in May 2017, these four wells have been included in molasses injection activities.

Reductions have been observed in TCE concentrations in groundwater samples collected in the areas downgradient of the two operational carbohydrate injection galleries. Approximately 23,000 gallons of molasses were injected into Injection Galleries 1 and 4 in 2019. A detailed discussion of the response action as of early 2019 was submitted in the *2019 Response Action Effectiveness Report* (Wood, July 2019).

6.0 FUTURE ACTIVITIES

The following are activities planned for the near future to be performed at the site:

- Continue molasses injection activities at Injection Galleries 1 and 4, on a monthly basis until April 2020, at which time quarterly injections will be performed, and effectiveness continually evaluated.
- Continue groundwater monitoring activities.
- Submit the next annual groundwater monitoring report in early 2021.

7.0 REFERENCES

AMEC Environment & Infrastructure, Inc. (AMEC), 2011, Response Action Plan Supplement, El Campo Aluminum Facility, El Campo, Texas, VCP No. 538, December.

AMEC Environment & Infrastructure, Inc. (AMEC), 2014, Response Action Plan Supplement, El Campo Aluminum Facility, El Campo, Texas, VCP No. 538, July 8.

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Geomatrix Consultants, Inc. (Geomatrix), 2006, Affected Property Assessment Report, El Campo Groundwater Site, VCP No. 538, December.

Geomatrix Consultants, Inc. (Geomatrix), 2008, Response Action Plan, El Campo Aluminum Facility, El Campo, Texas, VCP No. 538, May.

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Wood, 2019, 2019 Response Action Effectiveness Report, Former El Campo Aluminum Facility, VCP No. 538, July.

Tables

TABLE 1
FIRST QUARTER GROUNDWATER SAMPLING AND ANALYSIS SCHEDULE
Former El Campo Aluminum Facility
El Campo, Texas

Well ID	**VOCs** (EPA 8260B)	**TDS** (EPA 2540C)	**TOC** (EPA 9060)	**Methane, Ethane, Ethene** (RSK 175)	**Dissolved Iron, Dissolved Manganese, Alkalinity, Nitrate** (Field Test Kit)	**Temp, pH, Cond, DO, ORP** (Field Meter)
IG1-MW-1	X	X	X	X	X	Field Meter
IG1-MW-2	X	X	X	X	X	Field Meter
IG1-MW-3	X	X	X	X	X	Field Meter
IG1-MW-4	X	X	X	X	X	Field Meter
IG1-MW-5	X	X	X	X	X	Field Meter
IG1-MW-6B1	X	X	X	X	X	Field Meter
IG1-MW-6B2	X	X	X	X	X	Field Meter
IG1-MW-6B3	X	X	X	X	X	Field Meter
IG1-MW-7	X	X	X	X	X	Field Meter
IG1-RW-4	X	X	X	X	X	Field Meter
IG2-MW-1	X	X	X	X	X	Field Meter
IG2-MW-2	X	X	X	X	X	Field Meter
IG2-MW-3	X	X	X	X	X	Field Meter
IG2-MW-4	X	X	X	X	X	Field Meter
IG3-MW-1	X	X	X	X	X	Field Meter
IG4-MW-1	X	X	X	X	X	Field Meter
IG4-MW-2	X	X	X	X	X	Field Meter
IG4-MW-3	X	X	X	X	X	Field Meter
IG4-RW-1	**X**	**X**	**X**	**X**	**X**	**Field Meter**
MW-2A	X					Field Meter
MW-4A	X					Field Meter
MW-4B	X					Field Meter
MW-5B	X					Field Meter
MW-5C	X					Field Meter
MW-6A	X					Field Meter
MW-6B	X					Field Meter
MW-6C	X					Field Meter
MW-7A	X					Field Meter
MW-7B	X	X	X	X	X	Field Meter
MW-7C	X					Field Meter
MW-9A	X					Field Meter
MW-10B	X	X	X	X	X	Field Meter
MW-11B	X					Field Meter
MW-11C	X					Field Meter
MW-12A	X					Field Meter
MW-12B	X					Field Meter
MW-13A	X					Field Meter
MW-14A	X					Field Meter
MW-14B	X					Field Meter
MW-17B	X	X	X	X	X	Field Meter
MW-17C	X					Field Meter
MW-18A	X					Field Meter
MW-19A	X					Field Meter
MW-19B	X					Field Meter
MW-21A	X					Field Meter
MW-21B	X	X	X	X	X	Field Meter
MW-22A	X					Field Meter
MW-22C	X					Field Meter
MW-23A	X					Field Meter
MW-23C	X					Field Meter
MW-24B	X					Field Meter
MW-25A	X					Field Meter
MW-25B	X					Field Meter
MW-26B	X					Field Meter
MW-100B	X					Field Meter
MW-101B	X					Field Meter

TABLE 1
FIRST QUARTER GROUNDWATER SAMPLING AND ANALYSIS SCHEDULE
Former El Campo Aluminum Facility
El Campo, Texas

Well ID	**VOCs** (EPA 8260B)	**TDS** (EPA 2540C)	**TOC** (EPA 9060)	**Methane, Ethane, Ethene** (RSK 175)	**Dissolved Iron, Dissolved Manganese, Alkalinity, Nitrate** (Field Test Kit)	**Temp, pH, Cond, DO, ORP** (Field Meter)
MW-102B	X					Field Meter
MW-103B	X					Field Meter
MW-104B	X					Field Meter
MW-108B	X					Field Meter
MW-109A	X					Field Meter
MW-109B	X	X	X	X	X	Field Meter
MW-110B	X					Field Meter
MW-111A	X					Field Meter
MW-111B	X	X	X	X	X	Field Meter
MW-112B	X					Field Meter
MW-112B2	X					Field Meter
MW-113B	X	X	X	X	X	Field Meter
MW-114B	X					Field Meter
MW-115B-R	X					Field Meter
MW-116B	X					Field Meter
MW-117B	X					Field Meter
MW-118B	X					Field Meter
MW-119B	X					Field Meter
MW-120B	X					Field Meter
MW-121B	X					Field Meter
MW-123B	X					Field Meter
MW-124B	X					Field Meter
MW-125B	X	X	X	X	X	Field Meter
MW-126B	X	X	X	X	X	Field Meter
MW-127B	X					Field Meter
MW-128B	X					Field Meter
MW-130C	X					Field Meter
MW-131B	X					Field Meter
MW-132B	X					Field Meter
MW-133B	X					Field Meter
MW-134B	X					Field Meter
MW-135B	X					Field Meter
MW-136B	X					Field Meter
MW-137B	X					Field Meter
MW-138B	X					Field Meter
MW-139B	X					Field Meter
MW-140B	X					Field Meter
MW-141B	X	X	X	X	X	Field Meter
MW-142B	X					Field Meter
MW-143B	X					Field Meter
MW-146B	X	X	X	X	X	Field Meter
MW-147B	X					Field Meter
Plant Production Well 1	X					Field Meter
Plant Production Well 2	X					Field Meter
PSRW-1	X					Field Meter
VFW-MW-1	X					Field Meter

Notes:

1. **Shaded and Bold** indicates UIC compliance wells and analyses to be sampled and analyzed monthly when injection is performed at the associated gallery. This schedule assumes that no injection has taken place at Injection Gallery 2.

2. Samples will be collected from all A-Zone wells every three years. The next sampling event for these wells will take place in the first quarter of 2019 and every three years thereafter.

Abbreviations:
DO = dissolved oxygen
ORP = oxidative-reductive potential
EPA = U.S. Environmental Protection Agency
TDS = total dissolved solids
TOC = total organic carbon
VOCs = volatile organic compounds

TABLE 2
SECOND AND FOURTH QUARTER GROUNDWATER SAMPLING AND ANALYSIS SCHEDULE
Former El Campo Aluminum Facility
El Campo, Texas

Well ID	VOCs (EPA 8260B)	TDS (EPA 2540C)	TOC (EPA 9060)	Methane, Ethane, Ethene (RSK 175)	Dissolved Iron, Dissolved Manganese, Alkalinity, Nitrate (Field Test Kit)	Temp, pH, Cond, DO, ORP (Field Meter)
IG1-MW-1	X	X	X	X	X	Field Meter
IG1-MW-2	X	X	X	X	X	Field Meter
IG1-MW-3	X	X	X	X	X	Field Meter
IG1-MW-4	X	X	X	X	X	Field Meter
IG1-MW-5	X	X	X	X	X	Field Meter
IG1-MW-6B1	X	X	X	X	X	Field Meter
IG1-MW-6B2	X	X	X	X	X	Field Meter
IG1-MW-6B3	X	X	X	X	X	Field Meter
IG1-MW-7	X	X	X	X	X	Field Meter
IG1-RW-4	X	X	X	X	X	Field Meter
IG2-MW-1	X	X	X	X	X	Field Meter
IG2-MW-2	X	X	X	X	X	Field Meter
IG2-MW-3	X	X	X	X	X	Field Meter
IG3-MW-1	X	X	X	X	X	Field Meter
IG4-MW-1	X	X	X	X	X	Field Meter
IG4-MW-2	X	X	X	X	X	Field Meter
IG4-MW-3	X	X	X	X	X	Field Meter
IG4-RW-1	**X**	**X**	**X**	**X**	**X**	**Field Meter**
MW-21B	X	X	X	X	X	Field Meter
MW-109B	X	X	X	X	X	Field Meter
MW-111B	X	X	X	X	X	Field Meter
MW-112B	X					Field Meter
MW-112B2	X					Field Meter
MW-113B	X	X	X	X	X	Field Meter
MW-114B	X					Field Meter
MW-115B-R	X					Field Meter
MW-124B	X					Field Meter
MW-125B	X	X	X	X	X	Field Meter
MW-126B	X	X	X	X	X	Field Meter
MW-127B	X					Field Meter
MW-128B	X					Field Meter
MW-131B	X					Field Meter
MW-132B	X					Field Meter
MW-133B	X					Field Meter
MW-134B	X					Field Meter
MW-135B	X					Field Meter
MW-136B	X					Field Meter
MW-137B	X					Field Meter
MW-140B	X					Field Meter
MW-141B	X	X	X	X	X	Field Meter
MW-142B	X					Field Meter
MW-143B	X					Field Meter
MW-146B	X	X	X	X	X	Field Meter
MW-147B	X					Field Meter

Notes:
1. **Shaded and Bold** indicates UIC compliance wells and analyses to be sampled and analyzed monthly when injection is performed at the associated gallery.

TABLE 3
THIRD QUARTER GROUNDWATER SAMPLING AND ANALYSIS SCHEDULE
Former El Campo Aluminum Facility
El Campo, Texas

Well ID	**VOCs** (EPA 8260B)	**TDS** (EPA 2540C)	**TOC** (EPA 9060)	**Methane, Ethane, Ethene** (RSK 175)	**Dissolved Iron, Dissolved Manganese, Alkalinity, Nitrate** (Field Test Kit)	**Temp, pH, Cond, DO, ORP** (Field Meter)
IG1-MW-1	X	X	X	X	X	Field Meter
IG1-MW-2	X	X	X	X	X	Field Meter
IG1-MW-3	X	X	X	X	X	Field Meter
IG1-MW-4	X	X	X	X	X	Field Meter
IG1-MW-5	X	X	X	X	X	Field Meter
IG1-MW-6B1	X	X	X	X	X	Field Meter
IG1-MW-6B2	X	X	X	X	X	Field Meter
IG1-MW-6B3	X	X	X	X	X	Field Meter
IG1-MW-7	X	X	X	X	X	Field Meter
IG1-RW-4	X	X	X	X	X	Field Meter
IG2-MW-1	X	X	X	X	X	Field Meter
IG2-MW-2	X	X	X	X	X	Field Meter
IG2-MW-3	X	X	X	X	X	Field Meter
IG2-MW-4	X	X	X	X	X	Field Meter
IG3-MW-1	X	X	X	X	X	Field Meter
IG4-MW-1	X	X	X	X	X	Field Meter
IG4-MW-2	X	X	X	X	X	Field Meter
IG4-MW-3	X	X	X	X	X	Field Meter
IG4-RW-1	**X**	**X**	**X**	**X**	**X**	**Field Meter**
MW-6B	X	X	X	X	X	Field Meter
MW-7B	X	X	X	X	X	Field Meter
MW-17B	X	X	X	X	X	Field Meter
MW-21B	X	X	X	X	X	Field Meter
MW-100B	X					Field Meter
MW-102B	X					Field Meter
MW-109B	X	X	X	X	X	Field Meter
MW-110B	X					Field Meter
MW-111B	X	X	X	X	X	Field Meter
MW-112B	X					Field Meter
MW-112B2	X					Field Meter
MW-113B	X	X	X	X	X	Field Meter
MW-114B	X					Field Meter
MW-115B-R	X					Field Meter
MW-124B	X					Field Meter
MW-125B	X	X	X	X	X	Field Meter
MW-126B	X	X	X	X	X	Field Meter
MW-127B	X					Field Meter
MW-128B	X					Field Meter
MW-131B	X					Field Meter
MW-132B	X					Field Meter
MW-133B	X					Field Meter
MW-134B	X					Field Meter
MW-135B	X					Field Meter
MW-136B	X					Field Meter
MW-137B	X					Field Meter
MW-140B	X					Field Meter
MW-141B	X	X	X	X	X	Field Meter
MW-142B	X					Field Meter
MW-143B	X					Field Meter
MW-146B	X	X	X	X	X	Field Meter
MW-147B	X					Field Meter

Notes:
1. **Shaded and Bold** indicates UIC compliance wells and analyses to be sampled and analyzed monthly when injection is performed at the associated gallery.

TABLE 4
GROUNDWATER ELEVATIONS - A-ZONE
Former El Campo Aluminum Facility
El Campo, Texas

Well	Measurement Date	TOC (ft AMSL)	DTW (ft)	Groundwater Elevation (ft AMSL)
MW-1A	01/25/19	101.90	34.30	67.60
MW-2A	02/13/19	102.40	34.24	68.16
MW-4A	01/25/19	102.48	34.12	68.36
MW-6A	02/20/19	101.65	34.44	67.21
MW-7A	02/12/19	99.61	32.82	66.79
MW-8A	01/25/19	102.91	35.79	67.12
MW-9A	01/25/19	100.72	33.15	67.57
MW-9A	05/21/19	100.72	32.95	67.77
MW-9A	09/18/19	100.72	32.84	67.88
MW-10A	01/29/19	99.86	31.90	67.96
MW-12A	01/25/19	99.62	32.83	66.79
MW-13A	02/01/19	99.38	32.30	67.08
MW-14A	02/12/19	100.27	33.24	67.03
MW-18A	01/25/19	102.26	35.42	66.84
MW-19A	01/25/19	103.20	35.39	67.81
MW-21A	01/25/19	99.56	32.91	66.65
MW-22A	01/25/19	102.72	35.84	66.88
MW-23A	02/14/19	102.78	36.21	66.57
MW-25A	01/25/19	100.52	33.43	67.09
MW-109A	02/13/19	101.20	35.80	65.40
MW-111A	01/18/19	101.22	36.78	64.44
VFW-MW-1	01/18/19	101.80	36.32	65.48

Notes:
TOC = Top of casing
ft AMSL = Feet above mean sea level
DTW = Depth to water

TABLE 5
GROUNDWATER ELEVATIONS - B-ZONE
Former El Campo Aluminum Facility
El Campo, Texas

Well	Measurement Date	TOC (ft AMSL)	DTW (ft)	Groundwater Elevation (ft AMSL)
IG1-MW-1	01/18/19	104.37	39.12	65.25
	05/28/19	104.37	38.65	65.72
	08/29/19	104.37	38.55	65.82
	11/12/19	104.37	38.60	65.77
IG1-MW-2	01/18/19	104.33	39.25	65.08
	05/29/19	104.33	38.81	65.52
	08/29/19	104.33	38.70	65.63
	11/12/19	104.33	38.68	65.65
IG1-MW-3	01/18/19	104.42	39.05	65.37
	05/15/19	104.42	38.62	65.80
	08/29/19	104.42	38.58	65.84
	11/08/19	104.42	38.15	66.27
IG1-MW-4	03/20/19	103.98	38.77	65.21
	06/13/19	103.98	38.44	65.54
	08/08/19	103.98	38.29	65.69
	12/09/19	103.98	38.23	65.75
IG1-MW-5	03/20/19	104.27	39.12	65.15
	06/13/19	104.27	38.59	65.68
	08/08/19	104.27	39.79	64.48
	12/09/19	104.27	38.62	65.65
IG1-MW-6B1	03/07/19	104.00	38.69	65.31
	06/12/19	104.00	38.43	65.57
	08/21/19	104.00	38.33	65.67
	12/19/19	104.00	38.31	65.69
IG1-MW-6B2	03/07/19	104.15	39.09	65.06
	06/12/19	104.15	38.80	65.35
	08/21/19	104.15	38.73	65.42
	12/19/19	104.15	38.73	65.42
IG1-MW-6B3	03/07/19	104.13	38.77	65.36
	06/12/19	104.13	38.48	65.65
	08/21/19	104.13	38.42	65.71
	12/19/19	104.13	38.38	65.75
IG1-MW-7	03/20/19	103.29	38.13	65.16
	06/13/19	103.29	37.90	65.39
	08/08/19	103.29	38.90	64.39
	11/09/19	103.29	31.66	71.63
IG1-RW-4	01/18/19	104.94	40.13	64.81
	05/29/19	105.00	39.62	65.38
	09/18/19	105.00	39.46	65.54
	11/13/19	105.00	38.50	66.50
IG2-MW-1	01/25/19	100.75	34.18	66.57
	06/12/19	100.75	36.82	63.93
	09/19/19	100.75	36.37	64.38
	12/19/19	100.75	33.69	67.06
IG2-MW-2	01/25/19	101.87	34.92	66.95
	06/12/19	101.87	34.59	67.28
	09/19/19	101.87	34.02	67.85
IG2-MW-3	01/25/19	99.75	32.86	66.89
	05/29/19	99.75	32.52	67.23
	09/27/19	99.75	32.50	67.25
	11/13/19	99.75	34.45	65.30

TABLE 5
GROUNDWATER ELEVATIONS - B-ZONE
Former El Campo Aluminum Facility
El Campo, Texas

Well	Measurement Date	TOC (ft AMSL)	DTW (ft)	Groundwater Elevation (ft AMSL)
IG2-MW-4	01/25/19	102.31	35.89	66.42
	09/27/19	102.31	35.41	66.90
	12/09/19	102.31	38.23	64.08
IG3-MW-1	01/18/19	100.76	35.36	65.40
	05/29/19	100.76	34.87	65.89
	08/29/19	100.76	34.80	65.96
	12/04/19	100.76	34.68	66.08
IG4-MW-1	01/18/19	101.73	37.10	64.63
	06/06/19	101.73	36.61	65.12
	08/08/19	101.73	36.37	65.36
	11/13/19	101.73	36.40	65.33
IG4-MW-2	01/18/19	104.63	40.36	64.27
	08/08/19	104.63	40.90	63.73
	12/09/19	104.63	39.59	65.04
IG4-MW-3	01/18/19	104.04	39.85	64.19
	06/13/19	104.04	39.31	64.73
	08/08/19	104.04	40.29	63.75
	12/09/19	104.04	39.07	64.97
PSRW-1	02/13/19	101.20	34.09	67.11
MW-4B	01/25/19	102.31	35.08	67.23
MW-5B	01/25/19	103.93	36.88	67.05
MW-6B	02/20/19	101.87	34.74	67.13
	09/18/19	101.87	34.42	67.45
MW-7B	01/25/19	98.91	32.89	66.02
	09/18/19	98.91	31.60	67.31
MW-10B	01/25/19	99.88	32.80	67.08
MW-11B	01/25/19	101.76	34.49	67.27
MW-12B	01/18/19	99.75	33.34	66.41
MW-12B2	01/18/19	--	33.08	--
MW-13B	01/25/19	99.78	32.29	67.49
MW-14B	01/25/19	100.18	33.25	66.93
MW-17B	01/25/19	99.01	32.51	66.50
	09/27/19	99.01	32.10	66.91
MW-19B	01/25/19	102.95	35.78	67.17
MW-21B	01/25/19	99.62	33.03	66.59
	05/23/19	99.62	32.72	66.90
	09/27/19	99.62	32.60	67.02
	11/13/19	99.62	32.56	67.06
MW-24B	01/25/19	98.91	33.38	65.53
MW-25B	01/25/19	100.27	33.37	66.90
MW-26B	01/25/19	100.65	32.24	68.41
MW-100B	01/18/19	99.68	34.13	65.55
	09/17/19	99.68	33.52	66.16
MW-101B	01/25/19	101.78	35.28	66.50
MW-102B	01/18/19	100.48	34.46	66.02
	09/17/19	100.48	33.96	66.52
MW-103B	01/18/19	99.79	35.84	63.95
MW-104B	03/19/19	102.16	35.43	66.73
MW-108B	01/25/19	100.51	33.34	67.17
MW-109B	01/18/19	101.00	35.80	65.20
	06/04/19	101.00	35.33	65.67
	09/27/19	101.00	35.23	65.77
	12/04/19	101.00	35.23	65.77

TABLE 5
GROUNDWATER ELEVATIONS - B-ZONE
Former El Campo Aluminum Facility
El Campo, Texas

Well	Measurement Date	TOC (ft AMSL)	DTW (ft)	Groundwater Elevation (ft AMSL)
MW-110B	01/18/19	101.29	35.53	65.76
	08/29/19	101.29	35.09	66.20
MW-111B	01/18/19	101.16	36.68	64.48
	06/04/19	101.16	36.12	65.04
	09/19/19	101.16	35.99	65.17
	11/18/19	101.16	35.93	65.23
MW-112B	01/30/19	96.64	33.23	63.41
	05/15/19	96.64	32.85	63.79
	08/22/19	96.64	32.55	64.09
	11/05/19	96.64	32.50	64.14
MW-112B2	01/30/19	96.33	32.95	63.38
	05/15/19	96.33	32.54	63.79
	08/22/19	96.33	32.27	64.06
	11/05/19	96.33	32.71	63.62
MW-113B	01/18/19	101.81	36.00	65.81
	06/04/19	101.81	35.58	66.23
	09/27/19	101.81	35.45	66.36
	12/04/19	101.81	35.35	66.46
MW-114B	01/18/19	100.96	36.63	64.33
	05/15/19	100.96	36.22	64.74
	09/17/19	100.96	35.97	64.99
	11/05/19	100.96	36.03	64.93
MW-115B-R	01/18/19	100.44	35.27	65.17
	05/23/19	100.44	35.90	64.54
	08/29/19	100.44	34.81	65.63
	12/04/19	100.44	34.71	65.73
MW-116B	01/25/19	99.40	32.16	67.24
MW-117B	01/25/19	102.69	36.11	66.58
MW-118B	01/25/19	100.23	33.25	66.98
MW-119B	01/25/19	99.78	33.04	66.74
MW-120B	01/18/19	100.61	34.25	66.36
MW-121B	01/18/19	100.15	34.52	65.63
MW-123B	01/18/19	98.98	34.28	64.70
MW-124B	01/18/19	97.27	33.86	63.41
	05/15/19	97.27	33.38	63.89
	08/22/19	97.27	33.18	64.09
MW-125B	01/18/19	101.52	36.11	65.41
	05/23/19	101.52	35.75	65.77
	09/17/19	101.52	35.59	65.93
	11/08/19	101.52	35.45	66.07
MW-126B	01/18/19	101.07	36.23	64.84
	05/23/19	101.07	35.82	65.25
	09/27/19	101.07	36.60	64.47
	11/12/19	101.07	35.18	65.89
MW-127B	01/18/19	99.31	35.68	63.63
	05/15/19	99.31	35.10	64.21
	09/17/19	99.31	36.30	63.01
	11/07/19	99.31	34.92	64.39

TABLE 5
GROUNDWATER ELEVATIONS - B-ZONE
Former El Campo Aluminum Facility
El Campo, Texas

Well	Measurement Date	TOC (ft AMSL)	DTW (ft)	Groundwater Elevation (ft AMSL)
MW-128B	01/18/19	96.30	33.02	63.28
	05/15/19	96.30	32.51	63.79
	08/22/19	96.30	32.18	64.12
	11/05/19	96.30	32.30	64.00
MW-131B	01/18/19	99.04	36.50	62.54
	05/21/19	99.04	35.95	63.09
	09/26/19	99.04	35.82	63.22
	11/18/19	99.04	35.76	63.28
MW-132B	01/18/19	100.23	37.89	62.34
	05/21/19	100.23	37.55	62.68
	09/26/19	100.23	37.50	62.73
	11/18/19	100.23	37.48	62.75
MW-133B	01/18/19	97.45	35.51	61.94
	05/21/19	97.45	34.94	62.51
	09/26/19	97.45	34.95	62.50
	11/18/19	97.45	34.85	62.60
MW-134B	01/18/19	100.44	37.88	62.56
	05/15/19	100.44	38.41	62.03
	09/26/19	100.44	38.28	62.16
	11/05/19	100.44	38.13	62.31
MW-135B	01/18/19	102.95	41.62	61.33
	05/16/19	102.95	41.28	61.67
	09/26/19	102.95	41.47	61.48
	12/02/19	102.95	41.29	61.66
MW-136B	01/18/19	101.23	42.14	59.09
	05/16/19	101.23	41.70	59.53
	09/26/19	101.23	42.42	58.81
	12/02/19	101.23	41.86	59.37
MW-137B	01/18/19	99.15	37.64	61.51
	05/16/19	99.15	37.41	61.74
	09/26/19	99.15	37.45	61.70
	12/02/19	99.15	37.42	61.73
MW-138B	01/24/19	99.07	40.22	58.85
MW-139B	01/18/19	96.58	37.58	59.00
MW-140B	01/18/19	100.17	39.20	60.97
	05/16/19	100.17	38.90	61.27
	09/26/19	100.17	39.02	61.15
	12/02/19	100.17	38.88	61.29
MW-141B	03/08/19	103.87	38.58	65.29
	06/04/19	103.87	39.46	64.41
	09/19/19	103.87	39.21	64.66
	12/04/19	103.87	38.12	65.75
MW-142B	01/18/19	104.73	40.00	64.73
	05/15/19	104.73	39.58	65.15
	08/21/19	104.73	39.37	65.36
	12/03/19	104.73	39.25	65.48
MW-143B	01/18/19	104.29	38.57	65.70
	05/28/19	104.29	38.96	65.33
	08/08/19	104.29	38.94	65.35
	12/03/19	104.29	38.89	65.40

TABLE 5
GROUNDWATER ELEVATIONS - B-ZONE
Former El Campo Aluminum Facility
El Campo, Texas

Well	Measurement Date	TOC (ft AMSL)	DTW (ft)	Groundwater Elevation (ft AMSL)
MW-146B	01/18/19	103.63	39.36	64.27
	05/28/19	103.63	39.28	64.35
	08/08/19	103.63	38.63	65.00
	12/03/19	103.63	38.65	64.98
MW-147B	01/18/19	103.00	38.90	64.10
	05/28/19	103.00	38.28	64.72
	08/08/19	103.00	38.16	64.84
	12/03/19	103.00	38.22	64.78

Notes:
TOC = Top of casing
ft AMSL = Feet above mean sea level
DTW = Depth to water

TABLE 6
GROUNDWATER ELEVATIONS - C-ZONE
Former El Campo Aluminum Facility
El Campo, Texas

Well	Measurement Date	TOC (ft AMSL)	DTW (ft)	Groundwater Elevation (ft AMSL)
Plant Production 1	01/25/19	101.48	51.12	50.36
Plant Production 2	01/25/19	101.57	50.58	50.99
MW-5C	01/25/19	100.60	50.74	49.86
MW-6C	01/25/19	101.74	51.43	50.31
MW-7C	01/25/19	99.28	48.99	50.29
MW-11C	01/25/19	102.54	51.22	51.32
MW-17C	01/25/19	98.85	48.77	50.08
MW-22C	01/25/19	102.18	52.37	49.81
MW-23C	01/25/19	102.93	53.07	49.86
MW-129C	-	99.46	well plugged	-
MW-130C	03/26/19	99.65	49.04	50.61

Notes:
TOC = Top of casing
ft AMSL = Feet above mean sea level
DTW = Depth to water

TABLE 7
GROUNDWATER ANALYTICAL RESULTS – A-ZONE
DETECTED VOLATILE ORGANIC COMPOUNDS
Former El Campo Aluminum Facility
El Campo, Texas

Zone	Location	Sample Date	Benzene	Bromodichloromethane	Dibromochloromethane	Toluene	Trichloroethene	Other VOCs
		PCL	5.0	80	80	1,000	5.0	Various
		Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
A	MW-2A	02/13/19	< 0.176	< 0.153	< 0.119	< 0.198	< 0.138	
A	MW-4A	01/31/19	**0.256 J**	< 0.153	< 0.119	< 0.198	< 0.138	
A	MW-6A	02/20/19	< 0.176	< 0.153	< 0.119	< 0.198	< 0.138	
A	MW-7A	02/12/19	< 0.176	< 0.153	< 0.119	< 0.198	**0.748 J**	
A	MW-8A	02/13/19	< 0.176	< 0.153	< 0.119	< 0.198	< 0.138	
A	MW-9A	03/27/19	< 0.176	< 0.153	< 0.119	< 0.198	**5.59**	
A	MW-9A	05/21/19	< 0.176	< 0.153	< 0.119	< 0.198	**7.52**	
A	MW-9A	09/18/19	< 0.176	< 0.153	< 0.119	< 0.198	**2.83**	
A	MW-10A	02/07/19	< 0.176	< 0.153	< 0.119	< 0.198	< 0.138	
A	MW-12A	02/13/19	< 0.176	< 0.153	< 0.119	< 0.198	< 0.138	
A	MW-13A	02/01/19	< 0.176	< 0.153	< 0.119	< 0.198	**0.212 J**	ND
A	MW-14A	02/12/19	< 0.176	**0.534 J**	**0.514 J**	< 0.198	< 0.138	
A	MW-18A	03/15/19	< 0.176	< 0.153	< 0.119	< 0.198	< 0.138	
A	MW-19A	02/01/19	< 0.176	< 0.153	< 0.119	< 0.198	< 0.138	
A	MW-21A	02/15/19	< 0.176	< 0.153	< 0.119	< 0.198	**1.54**	
A	MW-23A	02/14/19	< 0.176	< 0.153	< 0.119	< 0.198	< 0.138	
A	MW-23A	03/14/19	< 0.176	< 0.153	< 0.119	< 0.198	< 0.138	
A	MW-25A	03/19/19	< 0.176	< 0.153	< 0.119	< 0.198	< 0.138	
A	MW-109A	02/13/19	< 0.176	< 0.153	< 0.119	< 0.198	< 0.138	
A	MW-111A	02/08/19	**1.82**	< 0.153	< 0.119	**0.446 J**	< 0.138	
A	VFW-MW-1	02/14/19	< 0.176	< 0.153	< 0.119	< 0.198	< 0.138	

Abbreviations:
µg/L = micrograms per liter
J = The analyte was positively identified; the associated numerical value is the approximate concer
of the analyte in the sample.
PCL = Protective Concentration Level
VOCs = volatile organic compounds

Notes:
1. Samples collected by AMEC Environment & Infrastructure, Inc. and analyzed for VOCs using U.S
EPA Method 8260B.
2. Groundwater PCLs ($^{GW}GW_{Ing}$) are from Texas Commission on Environmental Quality, 2019,
Texas Risk Reduction Program PCL Table 3, November 8.
3. Highlighted results exceed the respective PCL.

TABLE 8
GROUNDWATER ANALYTICAL RESULTS – B-ZONE
DETECTED VOLATILE ORGANIC COMPOUNDS
Former El Campo Aluminum Facility
El Campo, Texas

Zone	Location	Sample Date	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dichlorobenzene	1,2-Dichloroethane	Benzene	Bromodichloromethane	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Methylene chloride	m-Xylene & p-Xylene	Naphthalene	o-Xylene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Other VOCs
		PCL	5.0	4,900	7.0	70	830	600	5.0	5.0	80	100	80	70	70	700	5.0	10,000	490	10,000	1,000	100	5.0	2.0	Various
		Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
B	IG1-MW-1	02/26/19	< 0.209	**0.946 J**	**10.4**	< 0.177	< 0.215	< 0.153	**0.347 J**	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**132**	< 0.212	< 0.176	< 0.205	0.188 U	< 0.192	< 0.198	**0.905 J**	**10.4**	**9.39**	ND
B	IG1-MW-1	05/28/19	< 0.209	**0.795 J**	**13.7**	< 0.177	< 0.215	< 0.153	**0.273 J**	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**129**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.642 J**	**30.0**	**6.23**	ND
B	IG1-MW-1	08/29/19	< 0.209	< 0.168	**8.14**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**106**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.788 J**	< 0.138	**12.9**	ND
B	IG1-MW-1	11/12/19	< 0.209	< 0.168	**14.3**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**83.2**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**42.3**	**3.02**	ND
B	IG1-MW-2	02/27/19	< 0.209	< 0.168	**4.49**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**58.8**	< 0.212	< 0.176	< 0.205	0.233 U	< 0.192	< 0.198	**1.45**	**0.988 J**	**62.4**	ND
B	IG1-MW-2	05/29/19	< 0.209	**0.318 J**	**4.77**	< 0.177	< 0.215	< 0.153	**0.229 J**	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**56.0**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**1.64**	**1.42**	**106**	ND
B	IG1-MW-2	08/29/19	< 0.209	< 0.168	**3.04**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**40.8**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**1.15**	**0.459 J**	**62.4**	ND
B	IG1-MW-2	11/12/19	< 0.209	< 0.168	**7.09**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**55.8**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**4.05**	**42.1**	ND
B	IG1-MW-3	03/07/19	< 0.209	< 0.168	**6.38**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**88.5**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.676 J**	< 0.138	**9.41**	ND
B	IG1-MW-3	05/15/19	< 0.209	< 0.168	**5.69**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**80.4**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.606 J**	< 0.138	**9.25**	ND
B	IG1-MW-3	08/29/19	< 0.209	**0.645 J**	**9.55**	< 0.177	< 0.215	< 0.153	**0.465 J**	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**91.1**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.705 J**	**6.75**	**9.17**	ND
B	IG1-MW-3	11/08/19	< 0.209	< 0.168	**6.31**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**98.5**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.590 J**	**0.243 J**	**13.7**	ND
B	IG1-MW-4	03/20/19	< 0.209	**0.641 J**	**12.5**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**136**	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	**4.90**	**36.7**	**25.4**	ND
B	IG1-MW-4	06/13/19	< 0.209	< 0.168	**14.2**	< 0.177	< 0.215	< 0.153	**0.166 J**	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209 UJ	**161**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**5.55**	**46.3**	**45.8**	ND
B	IG1-MW-4	08/08/19	< 0.209	**0.743 J**	**17.3 J**	< 0.177	< 0.215	< 0.153	< 0.116	**0.193 J**	< 0.153	< 0.185	< 0.151	< 0.209	**185 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**8.40 J**	**11.3 J**	**24.1 J**	ND
B	IG1-MW-4	12/09/19	< 0.209	< 0.168	**11.6**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**155**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**10.0**	**20.8**	**29.1**	ND
B	IG1-MW-5	03/20/19	< 0.209	< 0.168	**16.0**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.273 J**	< 0.209	**54.9**	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	**0.312 J**	**194**	**26.1**	ND
B	IG1-MW-5	06/13/19	< 0.209	**0.529 J**	**18.2**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.251 J**	< 0.209 UJ	**75.3**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**250**	**10.1**	ND
B	IG1-MW-5	08/08/19	< 0.209	**0.590 J**	**17.8**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.239 J**	< 0.209	**50.3 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**249 J**	**7.72**	ND
B	IG1-MW-5	12/09/19	< 0.209	**0.578 J**	**17.9**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**63.0**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**316**	**6.30**	ND
B	IG1-MW-6B1	03/07/19	< 0.209	**0.716 J**	**8.16**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**235**	< 0.212	< 0.176	< 0.205	0.158 U	< 0.192	< 0.198	**1.71**	**1.75**	**145 J**	ND
B	IG1-MW-6B1	06/12/19	< 0.209	< 0.168	**0.771 J**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**30.2**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.458 J**	< 0.138	**83.3**	ND
B	IG1-MW-6B1	08/21/19	< 0.209	< 0.168	**1.97**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**65.7**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	**0.449 J**	**0.615 J**	< 0.138	**137**	ND
B	IG1-MW-6B1	12/19/19	< 0.209	**0.192 J**	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**1.83**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	**0.359 J**	**1.01**	< 0.138	**257**	ND
B	IG1-MW-6B2	03/07/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**4.49**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.985 J**	**1.67**	**177 J**	ND
B	IG1-MW-6B2	06/12/19	< 0.209	**0.736 J**	**10.6**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**316**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**2.03**	**1.19**	**102**	ND
B	IG1-MW-6B2	08/21/19	< 0.209	< 0.168	**11.6**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**332**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**2.13**	**0.630 J**	**170**	ND
B	IG1-MW-6B2	12/19/19	< 0.209	**0.481 J**	**4.62**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**126**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**1.61**	**5.11**	**240**	ND
B	IG1-MW-6B3	03/07/19	< 0.209	**2.43**	**24.3**	< 0.177	< 0.215	< 0.153	**0.486 J**	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**390**	< 0.212	< 0.176	< 0.205	0.218 U	< 0.192	< 0.198	**1.99**	**155**	**24.2**	ND
B	IG1-MW-6B3	06/12/19	< 0.209	**2.10**	**17.5**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**344**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**1.48**	**79.4**	**93.8**	ND
B	IG1-MW-6B3	08/21/19	< 0.209	**2.06**	**24.0**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**411**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**2.01**	**26.5**	**114**	ND
B	IG1-MW-6B3	08/21/19	< 0.209	**1.90**	**22.5**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**400**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**2.04**	**21.9**	**130**	ND
B	IG1-MW-6B3	12/19/19	< 0.209	**1.75**	**20.2**	< 0.177	< 0.215	< 0.153	**0.278 J**	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**362**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	**0.446 J**	**1.90**	**54.1**	**108**	ND
B	IG1-MW-7	03/20/19	< 0.209	< 0.168	**8.66**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.376 J**	< 0.209	**95.8**	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	**0.580 J**	**520**	< 0.248	ND
B	IG1-MW-7	06/13/19	< 0.209 UJ	**0.538 J**	**8.93 J**	< 0.177 UJ	< 0.215 UJ	< 0.153 UJ	< 0.116 UJ	< 0.176 UJ	< 0.153 UJ	< 0.185 UJ	**0.233 J**	< 0.209 UJ	**164 J**	< 0.212 UJ	< 0.176 UJ	< 0.205 UJ	< 0.129 UJ	< 0.192 UJ	< 0.198 UJ	**0.717 J**	**403 J**	< 0.248 UJ	ND
B	IG1-MW-7	08/08/19	< 0.209	**0.521 J**	**7.31**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.165 J**	< 0.209	**193 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.828 J**	**393 J**	< 0.248	ND
B	IG1-MW-7	12/09/19	< 0.209	**0.533 J**	**10.7**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**252**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.860 J**	**344**	**0.478 J**	ND
B	IG1-RW-4	03/07/19	< 0.209	< 0.168	**3.30**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**1.36**	< 0.212	< 0.176	< 0.205	0.152 U	< 0.192	< 0.198	< 0.192	**135**	< 0.248	ND
B	IG1-RW-4	05/29/19	< 0.209	< 0.168	**3.40**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**0.785 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**121**	< 0.248	ND
B	IG1-RW-4	09/18/19	< 0.209	< 0.168	**1.98**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.602 J**	< 0.209	**0.715 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**69.3**	< 0.248	ND
B	IG1-RW-4	11/13/19	< 0.209	< 0.168	**4.84**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**1.06**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**93.9**	< 0.248	ND
B	IG2-MW-1	03/14/19	< 0.209	**2.11**	**2.57**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**6.74**	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	**29.7**	< 0.248	ND
B	IG2-MW-1	06/12/19	< 0.209	**2.03**	**2.41**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.388 J**	< 0.209	**5.89**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**21.6**	< 0.248	ND
B	IG2-MW-1	09/19/19	< 0.209	< 0.168	**1.07**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.235 J**	< 0.209	**0.530 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**62.9**	< 0.248	ND
B	IG2-MW-1	12/19/19	< 0.209	**2.01**	**2.32**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.391 J**	< 0.209	**6.81**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**21.1**	< 0.248	ND
B	IG2-MW-2	03/14/19	< 0.209	**2.03**	**4.76**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**21.3**	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	**10.4**	**2.22**	ND
B	IG2-MW-2	06/12/19	< 0.209	**1.92**	**4.20**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**19.4**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**8.19**	**1.97 J**	ND
B	IG2-MW-2	09/19/19	< 1.05	< 0.840	< 0.960	< 0.885	< 1.08	< 0.765	< 0.580	< 0.880	< 0.765	< 0.925	< 0.755	< 1.05	**241**	< 1.06	< 0.880	< 1.03	< 0.645	< 0.960	< 0.990	< 0.960	< 0.690	**101**	ND
B	IG2-MW-2	12/10/19	< 0.209	**1.46**	**3.27**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**15.1**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**6.99**	**2.84**	ND
B	IG2-MW-3	03/08/19	**1.13**	**15.3**	**24.1**	**0.210 J**	< 0.215	< 0.153	**0.450 J**	< 0.176	< 0.153	< 0.185	**0.941 J**	< 0.209	**35.1**	< 0.212	< 0.176	< 0.205	0.501 U	< 0.192	< 0.198	< 0.192	**108**	< 0.248	ND
B	IG2-MW-3	05/29/19	**0.780 J**	**10.2**	**21.0**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.677 J**	< 0.209	**30.6**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**84.0**	< 0.248	ND
B	IG2-MW-3	09/27/19	**0.896 J**	**12.6**	**33.2**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.700 J**	< 0.209	**34.2**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**95.8**	< 0.248	ND
B	IG2-MW-3	11/13/19	**0.905 J**	**14.6**	**34.8**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.731 J**	< 0.209	**34.7**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**91.9**	< 0.248	ND
B	IG2-MW-4	03/27/19	< 0.209	**6.38**	**15.5**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.935 J**	< 0.209	**12.3**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**56.7**	< 0.248	ND
B	IG2-MW-4	03/27/19	< 0.209	**6.35**	**16.2**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.917 J**	< 0.209	**12.9**	< 0.212	< 0.176	< 0.205	0.429 U	< 0.192	< 0.198	< 0.192	**57.5**	< 0.248	ND
B	IG2-MW-4	09/27/19	**0.406 J**	**4.10**	**21.1**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.514 J**	< 0.209	**10.2**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**48.5**	< 0.248	ND

TABLE 8
GROUNDWATER ANALYTICAL RESULTS – B-ZONE
DETECTED VOLATILE ORGANIC COMPOUNDS
Former El Campo Aluminum Facility
El Campo, Texas

Zone	Location	Sample Date	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dichlorobenzene	1,2-Dichloroethane	Benzene	Bromodichloromethane	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Methylene chloride	m-Xylene & p-Xylene	Naphthalene	o-Xylene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Other VOCs
		PCL	5.0	4,900	7.0	70	830	600	5.0	5.0	80	100	80	70	70	700	5.0	10,000	490	10,000	1,000	100	5.0	2.0	Various
		Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
B	IG3-MW-1	03/19/19	< 0.209	< 0.168	**2.27**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.577 J**	< 0.209	**14.3**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.568 J**	**230**	< 0.248	ND
B	IG3-MW-1	05/29/19	**0.347 J**	**0.603 J**	**2.39**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.470 J**	< 0.209	**13.8**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**231**	< 0.248	ND
B	IG3-MW-1	08/29/19	< 0.209	**0.892 J**	**2.96**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.672 J**	< 0.209	**18.0**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**1.01**	**351**	< 0.248	ND
B	IG3-MW-1	12/04/19	< 0.209	**0.709 J**	**2.06**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.492 UJ**	< 0.209	**13.0**	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	**0.697 J**	**269**	< 0.248	ND
B	IG4-MW-1	03/07/19	< 1.05	< 0.840	**3.57 J**	< 0.885	< 1.08	< 0.765	< 0.580	< 0.880	< 0.765	< 0.925	< 0.755	< 1.05	**16.2**	< 1.06	< 0.880	< 1.03	< 0.645	< 0.960	< 0.990	< 0.960	**746**	< 1.24	ND
B	IG4-MW-1	06/06/19	< 0.209	< 0.168	**4.65**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.595 J**	< 0.209	**19.1**	**0.213 J**	< 0.176	**0.803 J**	< 0.129	**0.294 J**	**1.74**	**0.668 J**	**810**	< 0.248	ND
B	IG4-MW-1	06/06/19	< 0.209	< 0.168	**4.92**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.635 J**	< 0.209	**21.3**	< 0.212	< 0.176	< 0.205	**0.165 U**	< 0.192	< 0.198	**0.781 J**	**825**	**1.04 J**	ND
B	IG4-MW-1	08/08/19	< 0.209	**0.536 J**	**5.17 J**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.504 J**	< 0.209	**23.1 J**	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	**0.858 J**	**499 J**	**1.63 J**	ND
B	IG4-MW-1	11/13/19	< 0.209	< 0.168	**5.95**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.420 J**	< 0.209	**27.4**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**628**	**1.32 J**	ND
B	IG4-MW-1	11/13/19	< 1.05	< 0.840	**4.96 J**	< 0.885	< 1.08	< 0.765	< 0.580	< 0.880	< 0.765	< 0.925	< 0.755	< 1.05	**24.3**	< 1.06	< 0.880	< 1.03	< 0.645	< 0.960	< 0.990	< 0.960	**705**	< 1.24	ND
B	IG4-MW-2	03/21/19	< 0.209	**0.425 J**	**10.9**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.459 J**	< 0.209	**5.01**	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	**242**	< 0.248	ND
B	IG4-MW-2	06/26/19	< 0.209	< 0.168	**7.60**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**203**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.447 J**	**258**	**1.43 J**	ND
B	IG4-MW-2	08/08/19	< 0.209	< 0.168	**9.67**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.210 J**	< 0.209	**288**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.739 J**	**271**	**1.42 J**	ND
B	IG4-MW-2	12/09/19	< 0.209	< 0.168	**9.06**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**267**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.614 J**	**299**	**10.4**	ND
B	IG4-MW-3	03/21/19	< 0.209	< 0.168	**8.55**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.283 J**	< 0.209	**159**	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	**0.458 J**	**283**	**0.641 J**	ND
B	IG4-MW-3	06/13/19	< 0.209	**0.577 J**	**20.7**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.513 J**	< 0.209 UJ	**9.78**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**420**	< 0.248	ND
B	IG4-MW-3	08/08/19	< 0.209	< 0.168	**18.6**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.372 J**	< 0.209	**11.0**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**382**	**1.57 J**	ND
B	IG4-MW-3	12/09/19	< 0.209	**0.623 J**	**21.3**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.416 J**	< 0.209	**13.4**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**469**	**2.40**	ND
B	IG4-RW-1 Influent	01/16/19	< 0.209	**0.237 J**	**7.14**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.280 J**	< 0.209	**8.23**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**377**	< 0.248	ND
B	IG4-RW-1 Influent	02/12/19	< 0.209	< 0.168	**4.05**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**5.55**	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	**188**	< 0.248	ND
B	IG4-RW-1 Influent	03/20/19	< 0.209	**0.230 J**	**6.85**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.269 J**	< 0.209	**8.64**	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	**270**	< 0.248	ND
B	IG4-RW-1 Influent	04/04/19	< 0.209	< 0.168	**7.85**	< 0.177 UJ	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**9.16**	< 0.212	< 0.176	< 0.205	**0.176 U**	< 0.192	< 0.198	< 0.192	**383**	< 0.248	ND
B	IG4-RW-1 Influent	05/03/19	< 0.209	< 0.168	**6.33**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.277 J**	< 0.209	**9.66**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**353**	< 0.248	ND
B	IG4-RW-1 Influent	06/06/19	< 0.209	< 0.168	**7.53**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.993 J**	< 0.209	**11.7**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**320**	< 0.248	ND
B	IG4-RW-1 Influent	07/16/19	< 0.209	< 0.168	**7.17**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.229 J**	< 0.209	**11.9**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**237**	< 0.248	ND
B	IG4-RW-1 Influent	08/01/19	< 0.209	< 0.168	**4.22**	< 0.177	< 0.215	**1.60**	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209 UJ	**10.2**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**199**	< 0.248	ND
B	IG4-RW-1 Influent	09/19/19	< 0.209	**1.54**	**4.24**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**18.5**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**10.0**	**2.43**	ND
B	IG4-RW-1 Influent	10/21/19	< 0.209	**0.258 J**	**11.8**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.256 J**	< 0.209	**16.8**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**277**	< 0.248	ND
B	IG4-RW-1 Influent	11/07/19	< 0.209	**0.267 J**	**8.61**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.331 J**	< 0.209	**27.5**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**351**	< 0.248	ND
B	IG4-RW-1 Influent	12/18/19	< 0.209	**0.250 J**	**7.59**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.268 J**	< 0.209	**19.1**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**274**	< 0.248	ND
B	MW-4B	01/31/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-5B	03/15/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.636 J**	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	**1.30**	< 0.248	ND
B	MW-6B	02/20/19	< 0.209	< 0.168	**0.754 J**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**4.93**	< 0.212	< 0.176	< 0.205	0.170 U	< 0.192	< 0.198	< 0.192	**11.6**	< 0.248	ND
B	MW-6B	09/18/19	< 0.209	**0.268 J**	**0.448 J**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.448 J**	< 0.209	**1.29**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**4.05**	< 0.248	ND
B	MW-7B	03/27/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**1.27**	< 0.212	< 0.176	< 0.205	0.497 U	< 0.192	< 0.198	< 0.192	**6.27**	< 0.248	ND
B	MW-7B	09/18/19	< 0.209	**0.550 J**	**0.763 J**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.473 J**	< 0.209	**1.68**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**9.54**	< 0.248	ND
B	MW-10B	01/31/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**0.355 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**0.893 J**	< 0.248	ND
B	MW-11B	02/14/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.163 UJ	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-12B	02/13/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.191 UJ	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-14B	02/15/19	< 0.209	< 0.168	**0.742 J**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.351 UJ	< 0.192	< 0.198	< 0.192	**15.6**	< 0.248	ND
B	MW-14B	02/15/19	< 0.209	< 0.168	**0.730 J**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.294 UJ	< 0.192	< 0.198	< 0.192	**15.4**	< 0.248	ND
B	MW-17B	03/14/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	**0.707 J**	< 0.248	ND
B	MW-17B	09/27/19	< 0.209	**0.356 J**	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**2.37**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**14.8**	< 0.248	ND
B	MW-19B	02/07/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.281 U	< 0.192	< 0.198	< 0.192	**1.74**	< 0.248	ND
B	MW-21B	03/27/19	< 0.209	**3.13**	**2.84**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**51.4**	< 0.212	< 0.176	< 0.205	0.293 U	< 0.192	< 0.198	**0.201 J**	**28.7**	< 0.248	ND
B	MW-21B	05/23/19	< 0.209	**2.37**	**2.18**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**43.8**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**22.9**	< 0.248	ND
B	MW-21B	09/27/19	< 0.209	**1.69**	**2.76**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**35.5**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**25.6**	< 0.248	ND
B	MW-21B	11/13/19	< 0.209	**2.08**	**3.05**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**36.6**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**30.0**	< 0.248	ND
B	MW-24B	03/18/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.234 UJ	< 0.192	< 0.198	< 0.192	**0.231 J**	< 0.248	ND
B	MW-25B	03/18/19	< 0.209	< 0.168	< 0.192	< 0.177	**0.263 J**	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.400 U	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-26B	03/19/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-100B	02/12/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.342 UJ	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-100B	09/17/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**2.23**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**0.259 J**	< 0.248	ND
B	MW-101B	02/26/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.317 U	< 0.192	< 0.198	< 0.192	**0.479 J**	< 0.248	ND
B	MW-102B	02/12/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.465 UJ	< 0.192	**1.11**	< 0.192	< 0.138	< 0.248	ND
B	MW-102B	09/17/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.201 J**	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**3.97**	< 0.248	ND
B	MW-103B	02/13/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.251 UJ	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-104B	03/19/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.132 U	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-108B	02/08/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.329 U	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND

TABLE 8
GROUNDWATER ANALYTICAL RESULTS – B-ZONE
DETECTED VOLATILE ORGANIC COMPOUNDS
Former El Campo Aluminum Facility
El Campo, Texas

Zone	Location	Sample Date	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dichlorobenzene	1,2-Dichloroethane	Benzene	Bromodichloromethane	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Methylene chloride	m-Xylene & p-Xylene	Naphthalene	o-Xylene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Other VOCs
		PCL	5.0	4,900	7.0	70	830	600	5.0	5.0	80	100	80	70	70	700	5.0	10,000	490	10,000	1,000	100	5.0	2.0	Various
		Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
B	MW-109B	02/26/19	< 0.209	**1.60**	**12.9**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.837 J**	< 0.209	**13.3**	< 0.212	< 0.176	< 0.205	0.160 U	< 0.192	< 0.198	**1.28**	**1110**	< 0.248	ND
B	MW-109B	06/04/19	**0.754 J**	**2.09**	**21.0**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.980 J**	< 0.209	**15.7**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**1.42**	**1080**	< 0.248	ND
B	MW-109B	09/27/19	< 0.209	**1.15**	**20.8**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.676 J**	< 0.209	**19.9**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**1.62**	**1080**	< 0.248	ND
B	MW-109B	12/04/19	< 0.209	**1.98**	**19.9**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.754 UJ**	< 0.209	**13.1**	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	**1.18**	**1020**	< 0.248	ND
B	MW-110B	01/31/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	**0.603 J**	< 0.192	< 0.198	< 0.192	**3.51**	< 0.248	ND
B	MW-110B	08/29/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**5.02**	< 0.248	ND
B	MW-111B	02/15/19	< 0.209	< 0.168	**1.86**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**0.879 J**	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	**92.7**	< 0.248	ND
B	MW-111B	06/04/19	< 0.209	< 0.168	**1.93**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.204 J**	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**100**	< 0.248	ND
B	MW-111B	09/19/19	< 0.209	**1.58**	**2.25**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.485 J**	< 0.209	**6.07**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**24.2**	< 0.248	ND
B	MW-111B	11/18/19	< 0.209	< 0.168	**1.75**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.247 J**	< 0.209	**0.735 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**94.0**	< 0.248	ND
B	MW-112B	01/30/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-112B	05/15/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-112B	08/22/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-112B	11/05/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	**0.466 J**	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-112B2	01/30/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.530 U	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-112B2	05/15/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**0.754 J**	< 0.248	ND
B	MW-112B2	08/22/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-112B2	11/05/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-113B	03/26/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**33.7**	< 0.248	ND
B	MW-113B	03/26/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.173 U	< 0.192	< 0.198	< 0.192	**33.8**	< 0.248	ND
B	MW-113B	06/04/19	< 0.209	< 0.168	**1.70**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**46.7**	< 0.248	ND
B	MW-113B	09/27/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**33.4**	< 0.248	ND
B	MW-113B	12/04/19	< 0.209	< 0.168	**1.50**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**41.9**	< 0.248	ND
B	MW-114B	02/05/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**1.43**	< 0.212	< 0.176	< 0.205	0.843 U	< 0.192	< 0.198	< 0.192	**43.7**	< 0.248	ND
B	MW-114B	05/15/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**1.60**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**45.7**	< 0.248	ND
B	MW-114B	09/17/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-114B	09/17/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.234 J**	< 0.209	**1.83**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**52.1**	< 0.248	ND
B	MW-114B	11/05/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.264 J**	**0.385 J**	**2.25**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**71.7**	< 0.248	ND
B	MW-115B-R	02/13/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	**1.31**	< 0.248	ND
B	MW-115B-R	05/23/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**1.33**	< 0.248	ND
B	MW-115B-R	08/29/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**1.51**	< 0.248	ND
B	MW-115B-R	12/04/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**1.61**	< 0.248	ND
B	MW-116B	02/05/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.385 U	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-117B	02/05/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.568 U	< 0.192	< 0.198	< 0.192	**3.79**	< 0.248	ND
B	MW-118B	02/07/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.614 U	< 0.192	< 0.198	< 0.192	**0.757 J**	< 0.248	ND
B	MW-119B	02/07/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.386 U	< 0.192	< 0.198	< 0.192	**0.584 J**	< 0.248	ND
B	MW-120B	03/19/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.202 J**	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	**1.07**	< 0.248	ND
B	MW-120B	03/19/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	**1.50**	< 0.248	ND
B	MW-121B	02/13/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.145 UJ	< 0.192	< 0.198	< 0.192	**5.47**	< 0.248	ND
B	MW-121B	02/13/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.172 UJ	< 0.192	< 0.198	< 0.192	**5.27**	< 0.248	ND
B	MW-123B	02/13/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.329 UJ	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-124B	01/30/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.785 U	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-124B	05/15/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-124B	08/22/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-124B	11/05/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-125B	01/31/19	< 0.209	< 0.168	**3.93**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**54.1**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.244 J**	**13.8**	**2.47**	ND
B	MW-125B	05/23/19	< 0.209	< 0.168	**3.85**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**44.2**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**25.0**	**10.8**	ND
B	MW-125B	09/17/19	< 0.209	< 0.168	**4.24**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**39.7**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**26.4**	**5.01**	ND
B	MW-125B	11/08/19	< 0.209	< 0.168	**6.06**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**44.8**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**58.3**	**4.14**	ND
B	MW-126B	01/31/19	< 0.209	< 0.168	**0.455 J**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**56.0**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**28.8**	< 0.248	ND
B	MW-126B	05/23/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**97.5**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.360 J**	**16.0**	< 0.248	ND
B	MW-126B	05/23/19	< 0.209	< 0.168	**0.874 J**	**0.375 J**	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	**0.661 J**	< 0.151	< 0.209	**105**	< 0.212	< 0.176	< 0.205	**0.369 J**	< 0.192	< 0.198	**0.485 J**	**16.3**	**0.516 J**	ND
B	MW-126B	09/27/19	< 0.209	< 0.168	**0.752 J**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**10.4 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**20.4**	**3.29**	ND
B	MW-126B	09/27/19	< 0.209	< 0.168	**0.827 J**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	**0.208 J**	< 0.185	< 0.151	< 0.209	**103 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	**0.412 J**	**22.6**	**3.16**	ND
B	MW-126B	11/12/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**84.0**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**14.8**	**2.15 J**	ND
B	MW-126B	11/12/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**89.8**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**14.2**	**1.95 J**	ND
B	MW-127B	02/05/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.219 U	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-127B	05/15/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-127B	09/17/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.282 J**	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-127B	11/07/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND

TABLE 8
GROUNDWATER ANALYTICAL RESULTS – B-ZONE
DETECTED VOLATILE ORGANIC COMPOUNDS
Former El Campo Aluminum Facility
El Campo, Texas

Zone	Location	Sample Date	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dichlorobenzene	1,2-Dichloroethane	Benzene	Bromodichloromethane	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Methylene chloride	m-Xylene & p-Xylene	Naphthalene	o-Xylene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Other VOCs
		PCL	5.0	4,900	7.0	70	830	600	5.0	5.0	80	100	80	70	70	700	5.0	10,000	490	10,000	1,000	100	5.0	2.0	Various
		Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
B	MW-128B	01/30/19	< 0.209	< 0.168	**0.633 J**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**0.481 J**	< 0.212	< 0.176	< 0.205	**0.564 J**	< 0.192	< 0.198	< 0.192	**45.1**	< 0.248	ND
B	MW-128B	05/15/19	< 0.209	< 0.168	**1.93**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**7.07**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**115**	< 0.248	ND
B	MW-128B	08/22/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**13.2**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**16.4**	< 0.248	ND
B	MW-128B	11/05/19	< 0.209	< 0.168	**1.50**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.160 J**	< 0.209	**8.16**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**74.3**	< 0.248	ND
B	MW-131B	01/30/19	< 0.209	< 0.168	**1.42**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	0.202 U	< 0.209	**0.293 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**110**	< 0.248	ND
B	MW-131B	01/30/19	< 0.209	< 0.168	**1.36**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	0.189 U	< 0.209	**0.278 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**98.9**	< 0.248	ND
B	MW-131B	05/21/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.196 J**	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**43.1**	< 0.248	ND
B	MW-131B	09/26/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**40.5**	< 0.248	ND
B	MW-131B	11/18/19	< 0.209	< 0.168	**0.315 J**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**43.9**	< 0.248	ND
B	MW-132B	01/30/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-132B	01/30/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-132B	05/21/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-132B	09/26/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-132B	11/18/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**0.309 UJ**	< 0.248	ND
B	MW-133B	01/30/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	**0.177 J**	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**11.4**	< 0.248	ND
B	MW-133B	05/21/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.173 J**	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**31.2**	< 0.248	ND
B	MW-133B	09/26/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**14.3**	< 0.248	ND
B	MW-133B	11/18/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**11.6**	< 0.248	ND
B	MW-134B	03/19/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**3.70**	< 0.248	ND
B	MW-134B	05/15/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**4.55**	< 0.248	ND
B	MW-134B	05/15/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**4.30**	< 0.248	ND
B	MW-134B	09/26/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**2.37**	< 0.248	ND
B	MW-134B	09/26/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**2.06**	< 0.248	ND
B	MW-134B	12/05/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	**0.403 J**	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**3.46**	< 0.248	ND
B	MW-134B	12/05/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**3.81**	< 0.248	ND
B	MW-135B	03/19/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**1.41**	< 0.248	ND
B	MW-135B***	04/30/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**0.310 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**11.1**	< 0.248	ND
B	MW-135B	05/16/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**1.69**	< 0.248	ND
B	MW-135B	09/26/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**1.70**	< 0.248	ND
B	MW-135B	12/02/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**1.33**	< 0.248	ND
B	MW-136B	03/14/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-136B	03/14/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-136B***	04/30/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**0.351 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**10.1**	< 0.248	ND
B	MW-136B	05/16/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-136B	09/26/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-136B	12/02/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-137B	03/14/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-137B***	04/30/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**0.503 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**14.5**	< 0.248	ND
B	MW-137B	05/16/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-137B	09/26/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-137B	12/02/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-138B	02/15/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-139B	02/15/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	**0.834 J**	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-140B	03/14/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-140B***	04/30/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**0.271 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**7.70**	< 0.248	ND
B	MW-140B	05/16/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-140B	09/26/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-140B	12/02/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-141B	03/08/19	< 0.209	< 0.168	**2.02**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**476**	< 0.212	< 0.176	< 0.205	0.305 U	< 0.192	< 0.198	**3.32**	**108**	**9.09**	ND
B	MW-141B	06/04/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**9.13**	< 0.248	ND
B	MW-141B	09/19/19	< 0.209	**0.247 J**	**8.05**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.315 J**	< 0.209	**15.4**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**288**	< 0.248	ND
B	MW-141B	12/04/19	< 0.209	< 0.168	**0.778 J**	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**65.6**	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	**0.432 J**	**152**	ND
B	MW-142B	02/15/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	**13.5**	< 0.248	ND
B	MW-142B	05/15/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**9.12**	< 0.248	ND
B	MW-142B	08/21/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**8.46**	< 0.248	ND
B	MW-142B	12/03/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**7.93**	< 0.248	ND
B	MW-143B	03/26/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.152 U	< 0.192	< 0.198	< 0.192	**1.25 J**	< 0.248	ND
B	MW-143B	03/26/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.357 U	< 0.192	< 0.198	< 0.192	**1.57 J**	< 0.248	ND
B	MW-143B	05/28/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-143B	08/08/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	**0.227 U**	**0.255 U**	< 0.192	< 0.198	< 0.192	**0.865 J**	< 0.248	ND

TABLE 8
GROUNDWATER ANALYTICAL RESULTS – B-ZONE
DETECTED VOLATILE ORGANIC COMPOUNDS
Former El Campo Aluminum Facility
El Campo, Texas

Zone	Location	Sample Date	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dichlorobenzene	1,2-Dichloroethane	Benzene	Bromodichloromethane	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Methylene chloride	m-Xylene & p-Xylene	Naphthalene	o-Xylene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Other VOCs
		PCL	5.0	4,900	7.0	70	830	600	5.0	5.0	80	100	80	70	70	700	5.0	10,000	490	10,000	1,000	100	5.0	2.0	Various
		Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
B	MW-143B	12/03/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-146B	03/26/19	< 0.209 UJ	< 0.168 UJ	< 0.192 UJ	< 0.177 UJ	< 0.215 UJ	< 0.153 UJ	< 0.116 UJ	< 0.176 UJ	< 0.153 UJ	< 0.185 UJ	< 0.151 UJ	< 0.209 UJ	< 0.157 UJ	< 0.212 UJ	< 0.176 UJ	< 0.205 UJ	0.139 UJ	< 0.192 UJ	< 0.198 UJ	< 0.192 UJ	**20.0 J**	< 0.248 UJ	ND
B	MW-146B	03/26/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**19.5**	< 0.248	ND
B	MW-146B	05/28/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	**0.158 J**	< 0.209	**0.777 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**28.9**	< 0.248	ND
B	MW-146B	05/28/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**1.01**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**31.6**	< 0.248	ND
B	MW-146B	08/08/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**0.653 J**	< 0.212	< 0.176	< 0.205	**0.155 U**	< 0.192	< 0.198	< 0.192	**13.5**	< 0.248	ND
B	MW-146B	08/08/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**0.455 J**	< 0.212	< 0.176	< 0.205	**0.191 U**	< 0.192	< 0.198	< 0.192	**10.2**	< 0.248	ND
B	MW-146B	12/03/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**18.2**	< 0.248	ND
B	MW-146B	12/03/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	**0.934 J**	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	**18.4**	< 0.248	ND
B	MW-147B	03/26/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	0.247 U	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-147B	05/28/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-147B	08/08/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	**0.168 U**	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	MW-147B	12/03/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND
B	PSRW-1	02/13/19	< 0.209	< 0.168	< 0.192	< 0.177	< 0.215	< 0.153	< 0.116	< 0.176	< 0.153	< 0.185	< 0.151	< 0.209	< 0.157	< 0.212	< 0.176	< 0.205	< 0.129 UJ	< 0.192	< 0.198	< 0.192	< 0.138	< 0.248	ND

Abbreviations:
µg/L = micrograms per liter
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
PCL = Protective Concentration Level
VOCs = volatile organic compounds

Notes:
1. Samples collected by AMEC Environment & Infrastructure, Inc. and analyzed for VOCs using U.S. EPA Method 8260B.
2. Groundwater PCLs ($^{GW}GW_{Ing}$) are from Texas Commission on Environmental Quality, 2019, Texas Risk Reduction Program PCL Table 3, November 8.
3. Highlighted results exceed the respective PCL.

*** Sample results were rejected over concern of inadvertent contamination of samples. Monitoring well was resampled on May 16, 2019, and those results are accepted.

TABLE 9
GROUNDWATER ANALYTICAL RESULTS – C-ZONE
DETECTED VOLATILE ORGANIC COMPOUNDS
Former El Campo Aluminum Facility
El Campo, Texas

Zone	Location	Sample Date	1,1-Dichloroethane	1,1-Dichloroethene	1,4-Dichlorobenzene	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	p-Isopropyltoluene	Styrene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Other VOCs
		PCL	4,900	7.0	75	5.0	70	700	2,400	100	1,000	100	5.0	Various
		Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
C	MW-5C	03/15/19	< 0.168	< 0.192	< 0.176	< 0.176	< 0.157	< 0.212	< 0.228	< 0.175	< 0.198	< 0.192	< 0.138	
C	MW-6C	02/13/19	< 0.168	< 0.192	< 0.176	< 0.176	< 0.157	< 0.212	< 0.228	< 0.175	< 0.198	< 0.192	< 0.138	
C	MW-7C	02/20/19	**1.45**	**2.24**	< 0.176	< 0.176	**3.47**	< 0.212	< 0.228	< 0.175	< 0.198	< 0.192	**16.4**	
C	MW-11C	02/14/19	< 0.168	< 0.192	< 0.176	< 0.176	< 0.157	< 0.212	< 0.228	< 0.175	< 0.198	< 0.192	< 0.138	
C	MW-17C	02/20/19	< 0.168	< 0.192	**0.212 J**	< 0.176	< 0.157	< 0.212	< 0.228	< 0.175	< 0.198	< 0.192	**1.58**	
C	MW-22C	03/14/19	< 0.168	< 0.192	< 0.176	< 0.176	< 0.157	< 0.212	< 0.228	< 0.175	< 0.198	< 0.192	< 0.138	ND
C	MW-22C	03/14/19	< 0.168	< 0.192	< 0.176	< 0.176	< 0.157	< 0.212	< 0.228	< 0.175	< 0.198	< 0.192	< 0.138	
C	MW-23C	03/07/19	**1.30**	**3.04**	< 0.176	< 0.176	**9.80**	< 0.212	**0.370 J**	< 0.175	< 0.198	**1.17**	**27.1**	
C	MW-130C	03/26/19	< 0.168	< 0.192	< 0.176	< 0.176	< 0.157	< 0.212	< 0.228	< 0.175	< 0.198	< 0.192	< 0.138	
C	PPW-1	02/13/19	< 0.168	< 0.192	< 0.176	**0.834 J**	< 0.157	**0.613 J**	< 0.228	**0.215 J**	**0.943 J**	< 0.192	< 0.138	
C	PPW-2	02/14/19	< 0.168	< 0.192	< 0.176	< 0.176	< 0.157	< 0.212	< 0.228	< 0.175	< 0.198	< 0.192	**2.10**	

Abbreviations:
µg/L = micrograms per liter
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
PCL = Protective Concentration Level
VOCs = volatile organic compounds

Notes:
1. Samples collected by AMEC Environment & Infrastructure, Inc. and analyzed for VOCs using U.S. EPA Method 8260B.
2. Groundwater PCLs ($^{GW}GW_{Ing}$) are from Texas Commission on Environmental Quality, 2019, Texas Risk Reduction Program PCL Table 3, November 8.
3. Highlighted results exceed the respective PCL.

Figures

MW-3A
NM
MW-11A
NM
MW-1A
67.60
MW-2A
68.16
MW-4A
68.36
MW-10A
67.96
MW-12A
66.79
MW-9A
67.57
MW-6A
67.21
MW-13A
67.08
MW-25A
67.09
MW-19A
67.81
MW-116A
NM
MW-8A
67.12
MW-14A
67.03
MW-20A
NM
MW-5A
NM
MW-7A
66.79
MW-108A
NM
MW-21A
66.65
MW-26A
NM
MW-18A
66.84
MW-23A
66.57
MW-22A
66.88
MW-101A
NM
67
68
68
67
US Highway 59
66
MW-110A
NM
VFW-MW-1A
65.48
Murray Road
MW-109A
65.40
MW-102A
NM
MW-100A
NM
65
MW-111A
64.44
65
County Road 303
County Road 308
2014 NAIP aerial from USGS.

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EXPLANATION

- SURFACE WATER FEATURE
- TRIBUTARY / DRAINAGE CANAL
- MW-16 — PLUGGED MONITORING WELL
- MW-7 — ZONE A - MONITORING WELL
- FT. AMSL — FEET ABOVE MEAN SEA LEVEL
- 62.20 — MEASURED WATER LEVEL (FT. AMSL)
- POTENTIOMETRIC SURFACE COUTOUR IN FT. AMSL (LINE IS DASHED WHERE INFERRED)

0' 400' 800' 1,200'

FIGURE 1

Wood Environment &
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Austin, TX 78704

wood.

El Campo Aluminum Facility
El Campo, Texas

GROUNDWATER POTENTIOMETRIC SURFACE MAP - A-ZONE
FIRST QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 800'
PROJECT NO.: 0126200001
FIGURE: 1

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 1-4 Potentionmetric Surface Maps.dwg - 1 - ZONE A(Q1) - Apr. 20, 2020 7:52am - brian.johnson

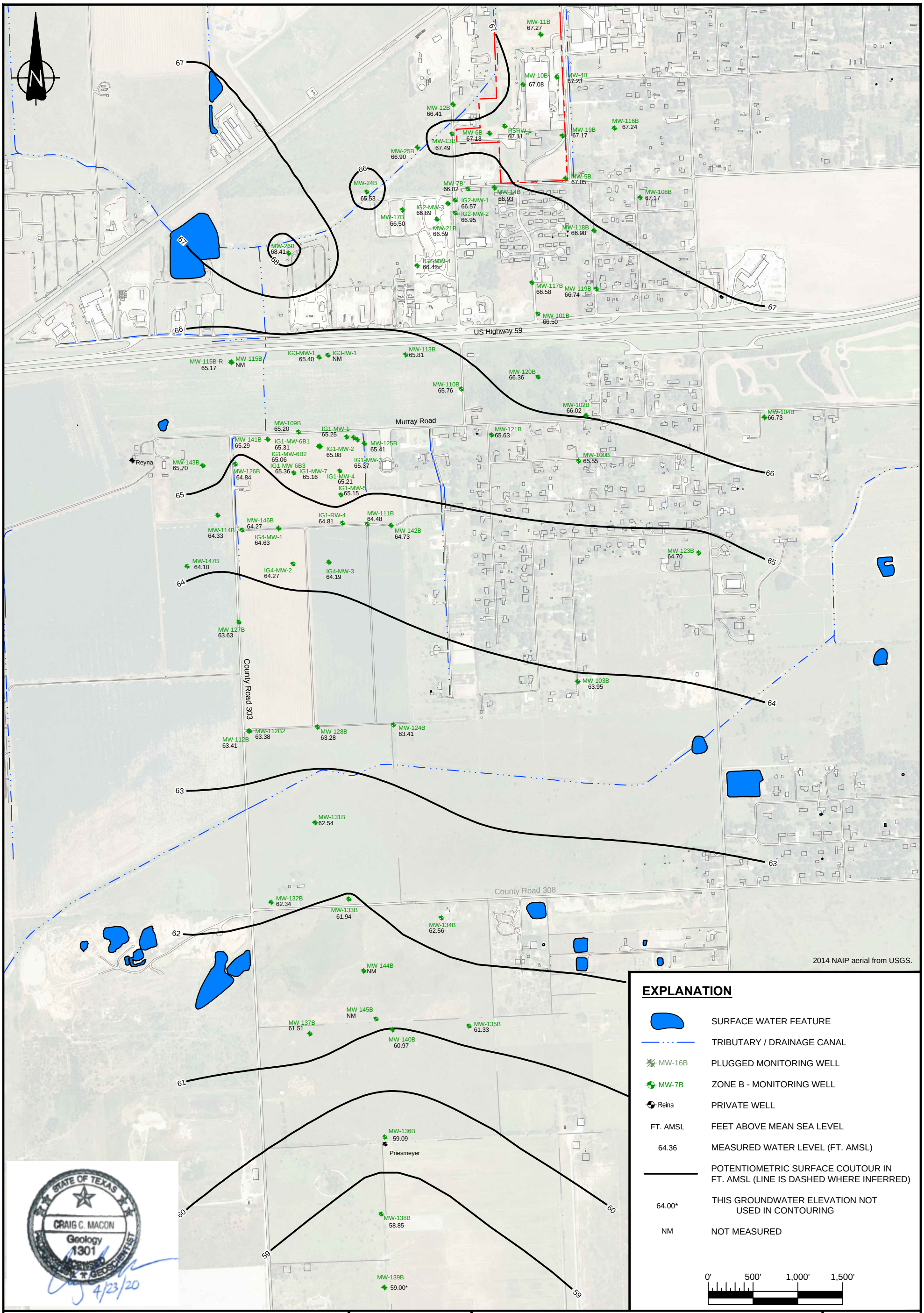

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FIGURE 2

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wood.

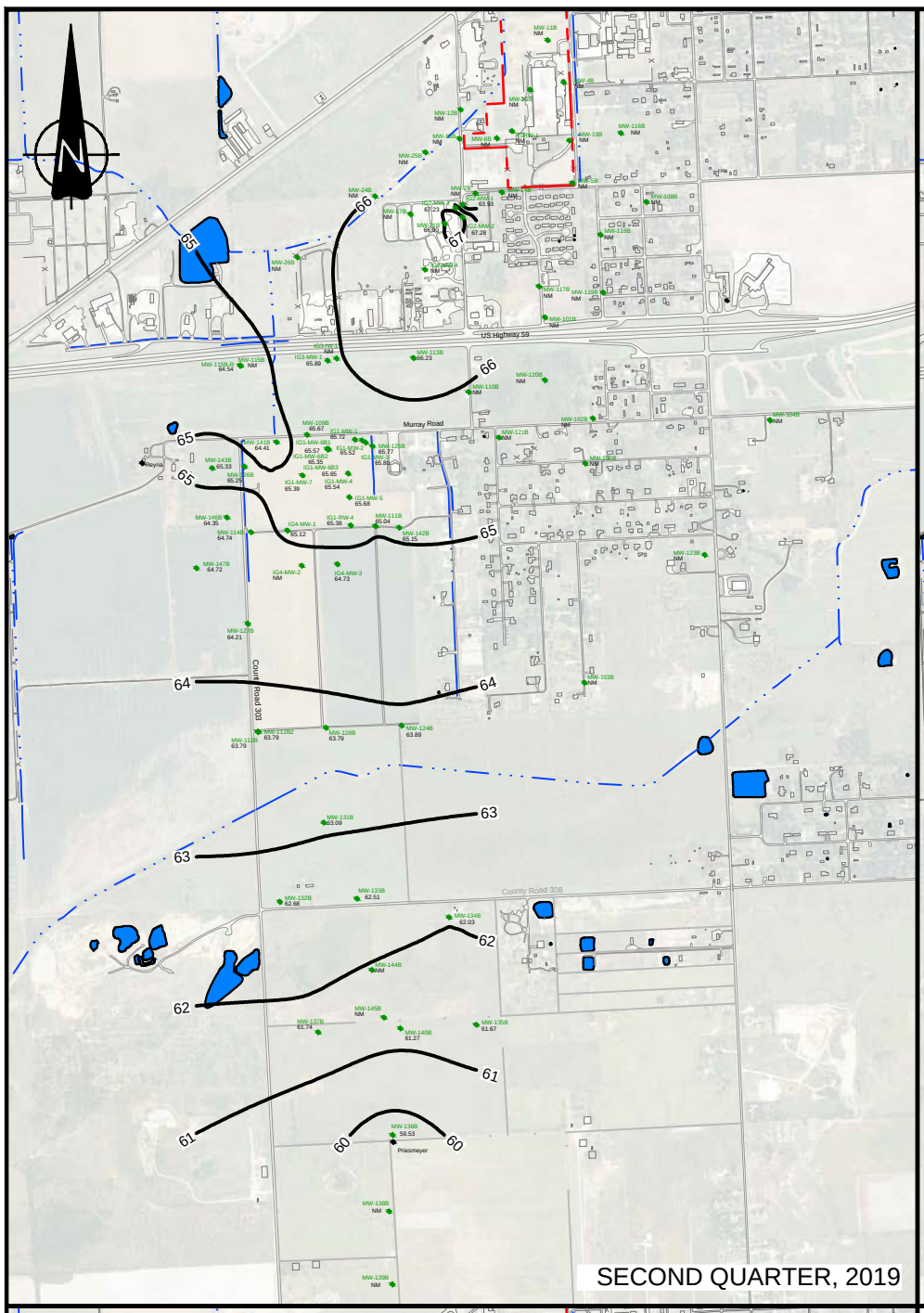
El Campo Aluminum Facility
El Campo, Texas

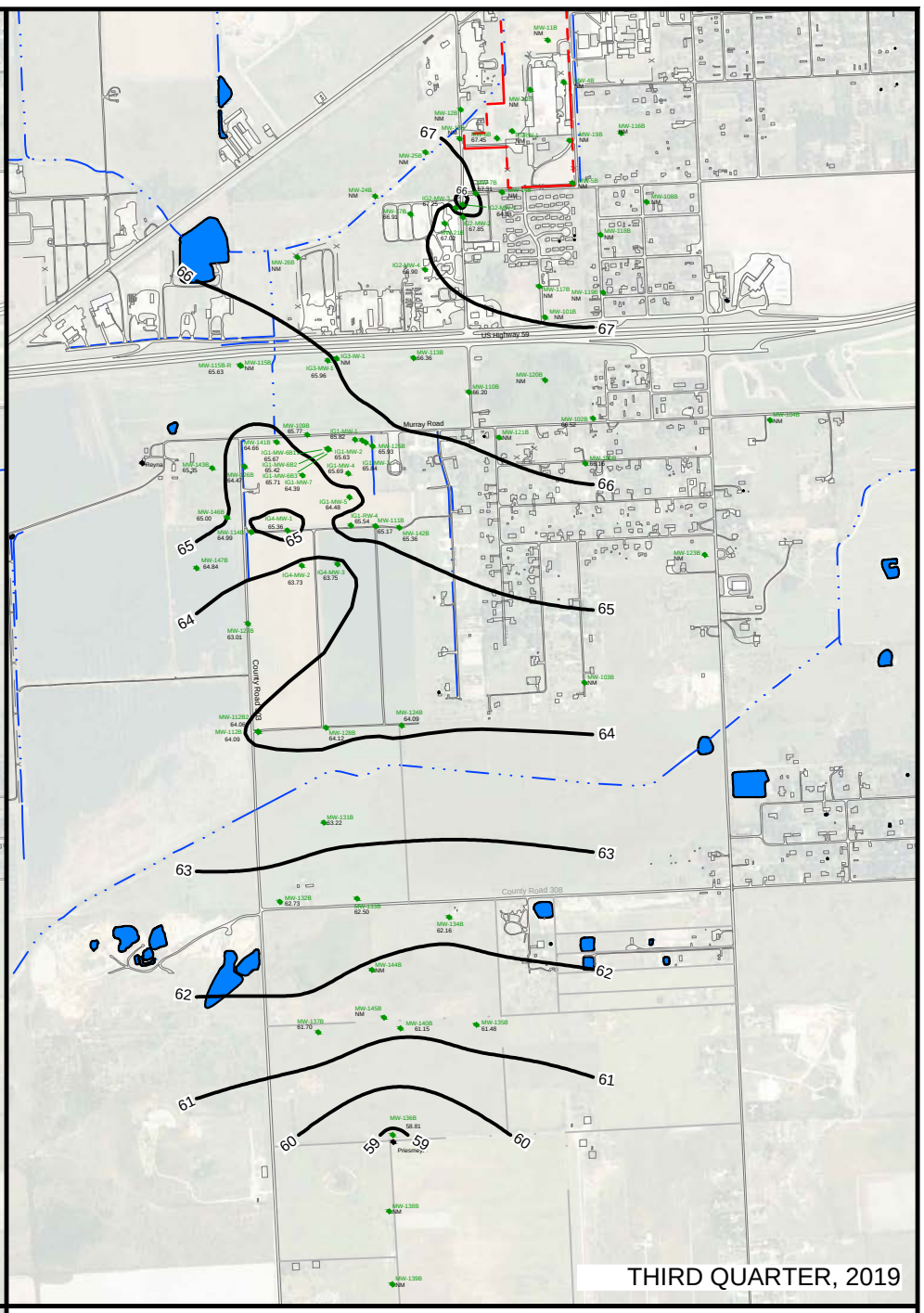
GROUNDWATER POTENTIOMETRIC SURFACE MAP - B-ZONE
FIRST QUARTER 2019

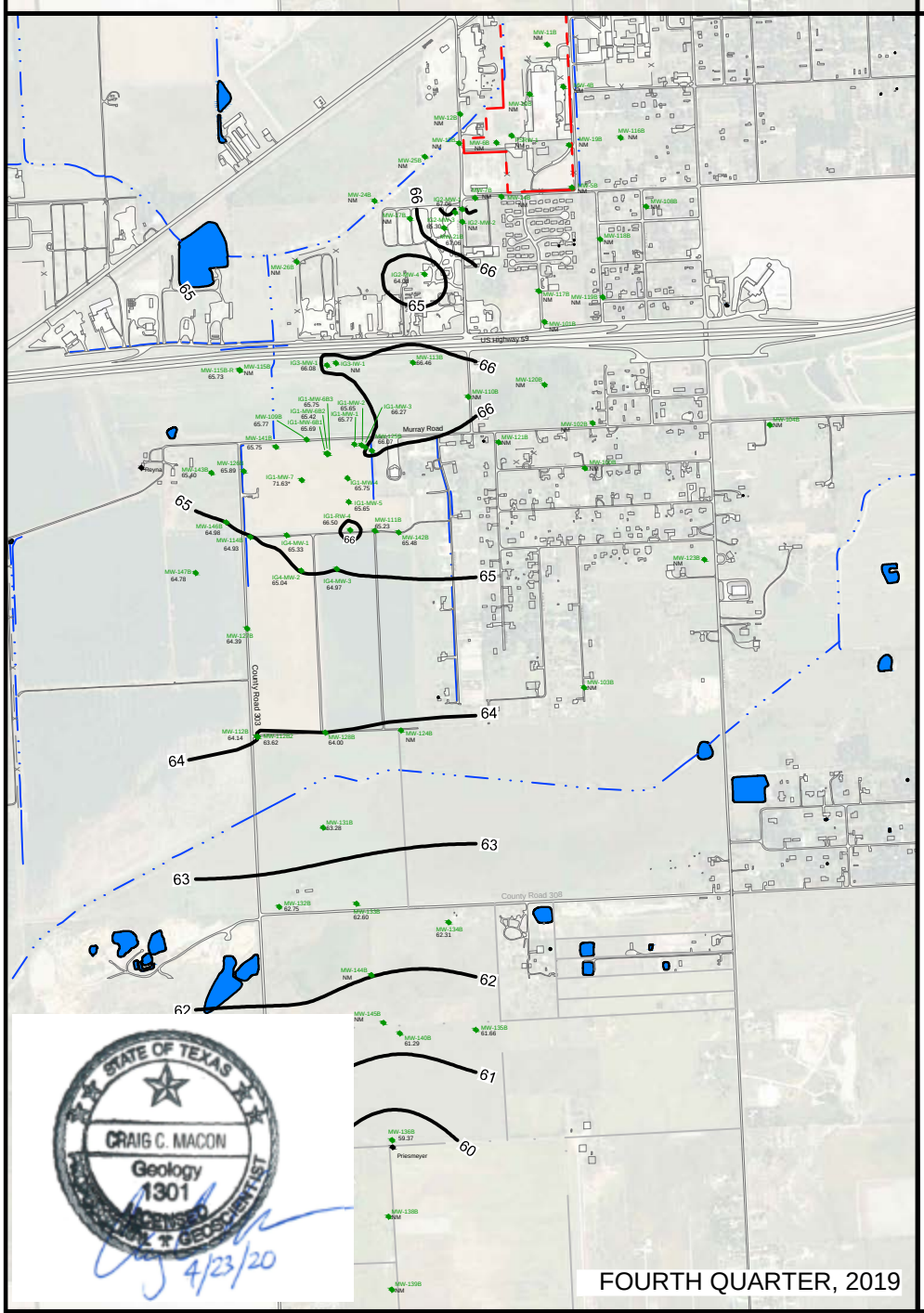
DATE: MARCH 2020
SCALE: 1" = 1,000'
PROJECT NO.: 0126200001
FIGURE: 2

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 1-4 Potentionmetric Surface Maps.dwg - 2 - ZONE B (Q1) - Apr. 20, 2020 7:52am - brian.johnson







2014 NAIP aerial from USGS.

EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16B	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
Reina	PRIVATE WELL
FT. AMSL	FEET ABOVE MEAN SEA LEVEL
64.36	MEASURED WATER LEVEL (FT. AMSL)
	POTENTIOMETRIC SURFACE COUTOUR IN FT. AMSL (LINE IS DASHED WHERE INFERRED)
64.36*	THIS GROUNDWATER ELEVATION NOT USED IN CONTOURING
NM	NOT MEASURED
NI	NOT INSTALLED

0' 1,000' 2,000' 3,000'

FIGURE 3

Wood Environment & Infrastructure Solutions, Inc.
3755 South Capital of Texas Highway, Suite 375
Austin, TX 78704

El Campo Aluminum Facility
El Campo, Texas

GROUNDWATER POTENTIOMETRIC SURFACE MAP - B-ZONE
SECOND THROUGH FOURTH QUARTERS 2019

DATE: MARCH 2020
SCALE: 1" = 2,000'
PROJECT NO.: 0126200001
FIGURE: 3

DRAWN BY: BRJ CHECKED BY:-

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 1-4 Potentionmetric Surface Maps.dwg - 3 - ZONE B (Q2-3-4) - Apr. 20, 2020 7:52am - brian.johnson

MW-11C
51.32

MW-6C
50.31

Plant Production Well 1
50.36

Plant Production Well 2
50.99

MW-5C
49.86

MW-7C
50.29

MW-17C
50.08

MW-23C
49.86

MW-22C
49.81

MW-130C
50.61

MW-129C

US Highway 59

Murray Road

County Road 303

County Road 308

51

51

50

50

2014 NAIP aerial from USGS.

EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-129C	PLUGGED MONITORING WELL
MW-7C	ZONE C - MONITORING WELL
FT. AMSL	FEET ABOVE MEAN SEA LEVEL
47.71	MEASURED WATER LEVEL (FT. AMSL)
	POTENTIOMETRIC SURFACE COUTOUR IN FT. AMSL (LINE IS DASHED WHERE INFERRED)
47.54*	THIS GROUNDWATER ELEVATION NOT USED IN CONTOURING

0' 400' 800' 1,200'

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FIGURE 4

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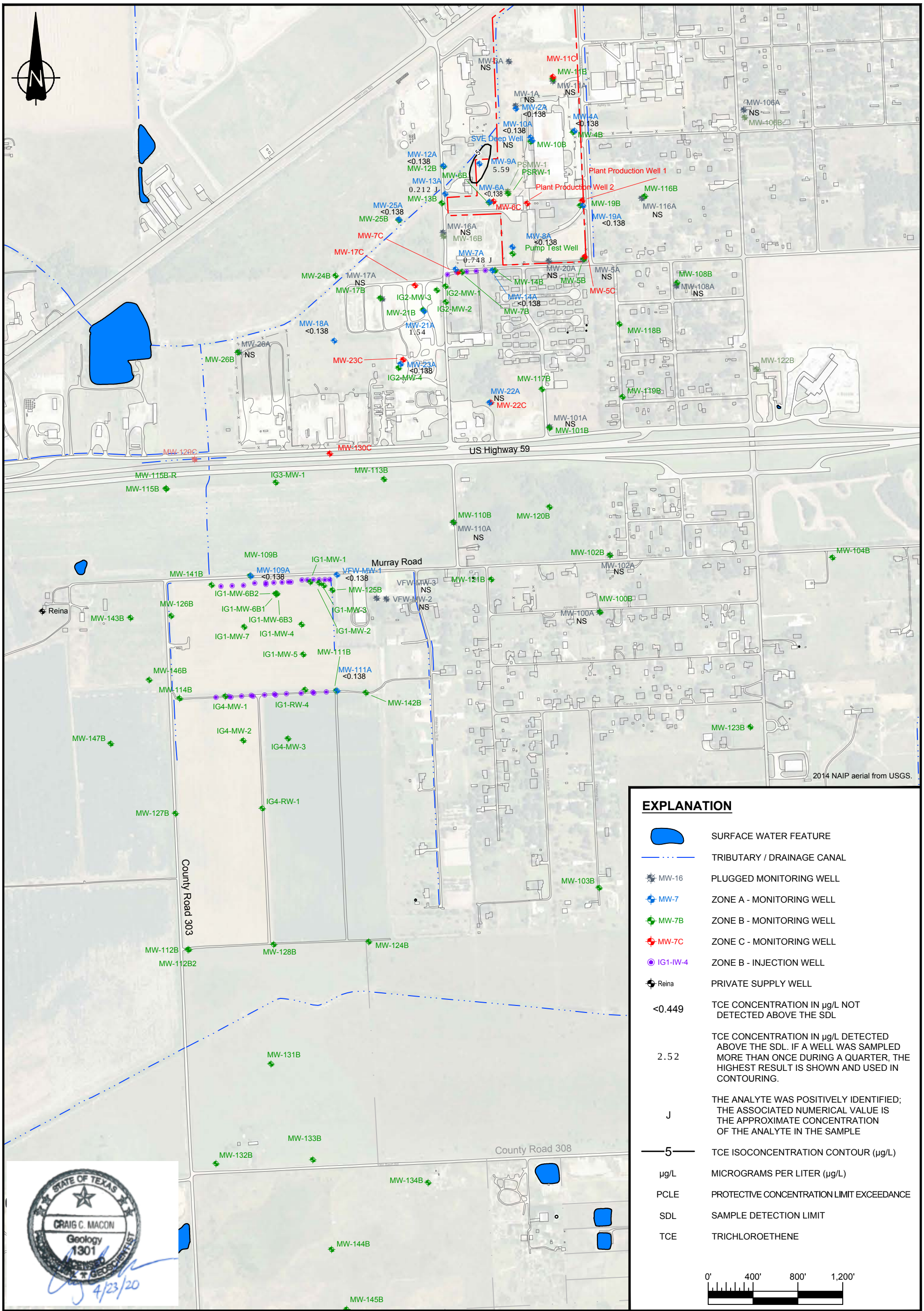
El Campo Aluminum Facility
El Campo, Texas

GROUNDWATER POTENTIOMETRIC SURFACE MAP - C-ZONE
FIRST QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 800'
PROJECT NO.: 0126200001
FIGURE: 4

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 1-4 Potentionmetric Surface Maps.dwg - 4 - ZONE C(Q1) - Apr. 20, 2020 7:52am - brian.johnson



EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16	PLUGGED MONITORING WELL
MW-7	ZONE A - MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
MW-7C	ZONE C - MONITORING WELL
IG1-IW-4	ZONE B - INJECTION WELL
Reina	PRIVATE SUPPLY WELL
<0.449	TCE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
2.52	TCE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
5	TCE ISOCONCENTRATION CONTOUR (µg/L)
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
TCE	TRICHLOROETHENE

0' 400' 800' 1,200'

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FIGURE 5

Wood Environment & Infrastructure Solutions, Inc.
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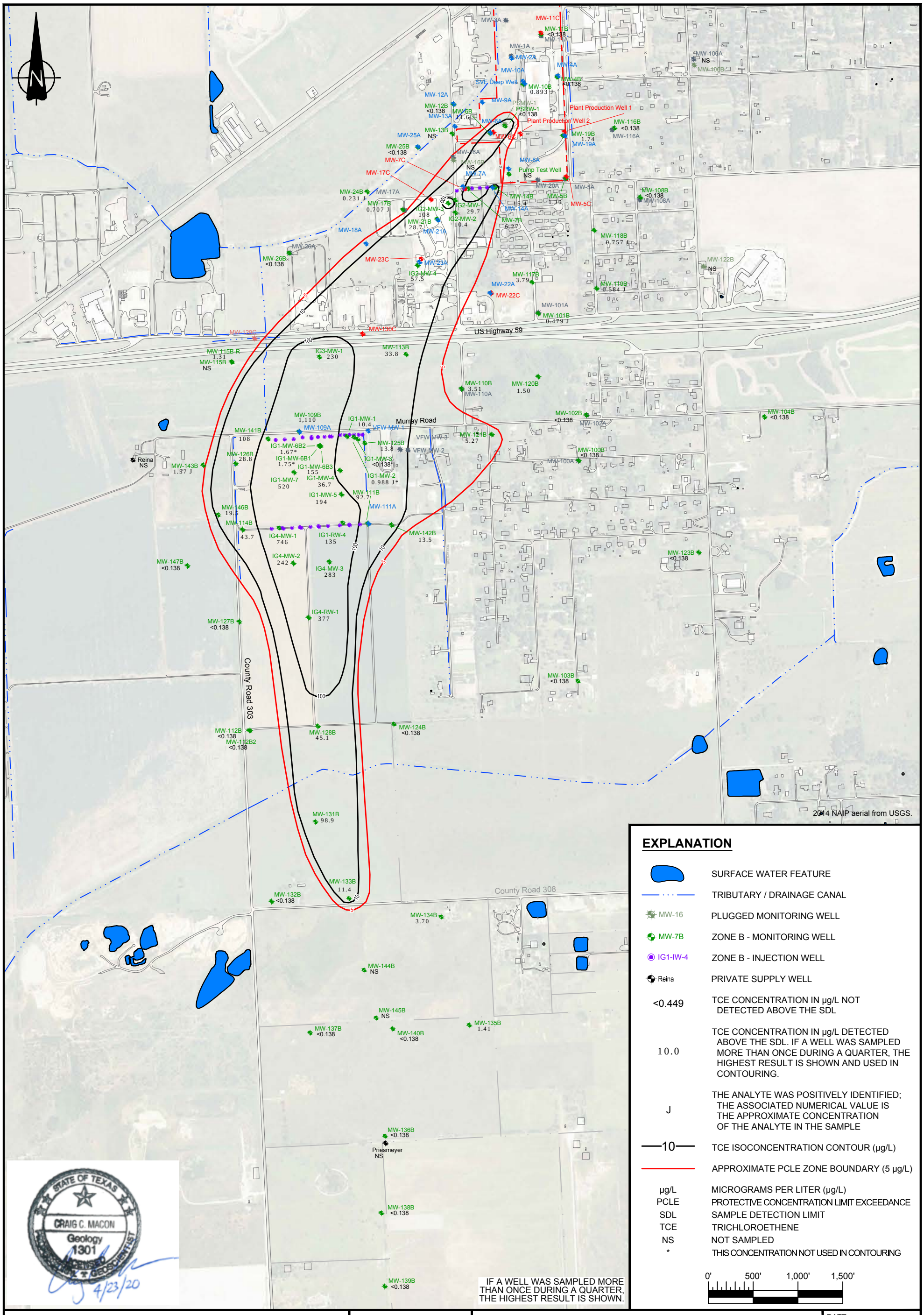
El Campo Aluminum Facility
El Campo, Texas

TRICHLOROETHENE GROUNDWATER ISOCONCENTRATION MAP - A-ZONE FIRST QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 800'
PROJECT NO.: 0126200001
FIGURE: 5

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 5-6-7-8-9-24 TCE Isoconcentration Maps.dwg - 5 - ZONE A - Apr. 20, 2020 7:47am - brian.johnson



EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG1-IW-4	ZONE B - INJECTION WELL
Reina	PRIVATE SUPPLY WELL
<0.449	TCE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	TCE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
—10—	TCE ISOCONCENTRATION CONTOUR (µg/L)
	APPROXIMATE PCLE ZONE BOUNDARY (5 µg/L)
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
TCE	TRICHLOROETHENE
NS	NOT SAMPLED
*	THIS CONCENTRATION NOT USED IN CONTOURING

0' 500' 1,000' 1,500'

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FIGURE 6

TRICHLOROETHENE GROUNDWATER ISOCONCENTRATION MAP - B-ZONE FIRST QUARTER 2019

El Campo Aluminum Facility
El Campo, Texas

DATE: MARCH 2020
SCALE: 1" = 1000'
PROJECT NO.: 0126200001
FIGURE: 6

Wood Environment & Infrastructure Solutions, Inc.
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wood.

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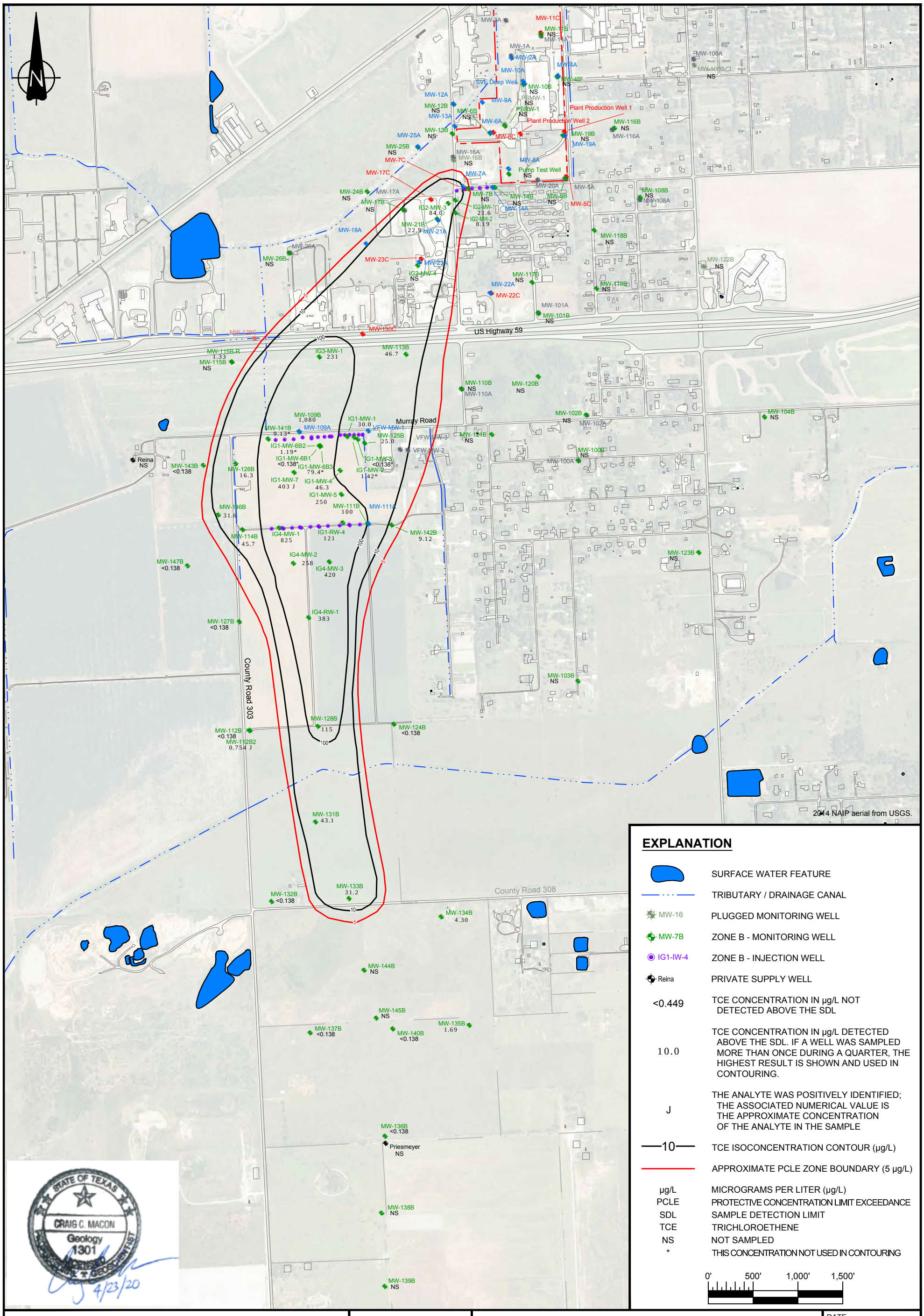
K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 5-6-7-8-9-24 TCE Isoconcentration Maps.dwg - 6 - ZONE B Q1 - Apr. 20, 2020 7:40am - brian.johnson



EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG1-IW-4	ZONE B - INJECTION WELL
Reina	PRIVATE SUPPLY WELL
<0.449	TCE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	TCE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
—10—	TCE ISOCONCENTRATION CONTOUR (µg/L)
	APPROXIMATE PCLE ZONE BOUNDARY (5 µg/L)
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
TCE	TRICHLOROETHENE
NS	NOT SAMPLED
*	THIS CONCENTRATION NOT USED IN CONTOURING

0' 500' 1,000' 1,500'

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FIGURE 7

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wood.

El Campo Aluminum Facility
El Campo, Texas

TRICHLOROETHENE GROUNDWATER ISOCONCENTRATION MAP - B-ZONE SECOND QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 1,000'
PROJECT NO.: 0126200001
FIGURE: 7

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 5-6-7-8-9-24 TCE Isoconcentration Maps.dwg - 7 - ZONE B Q2 - Apr. 21, 2020 3:34pm - brian.johnson

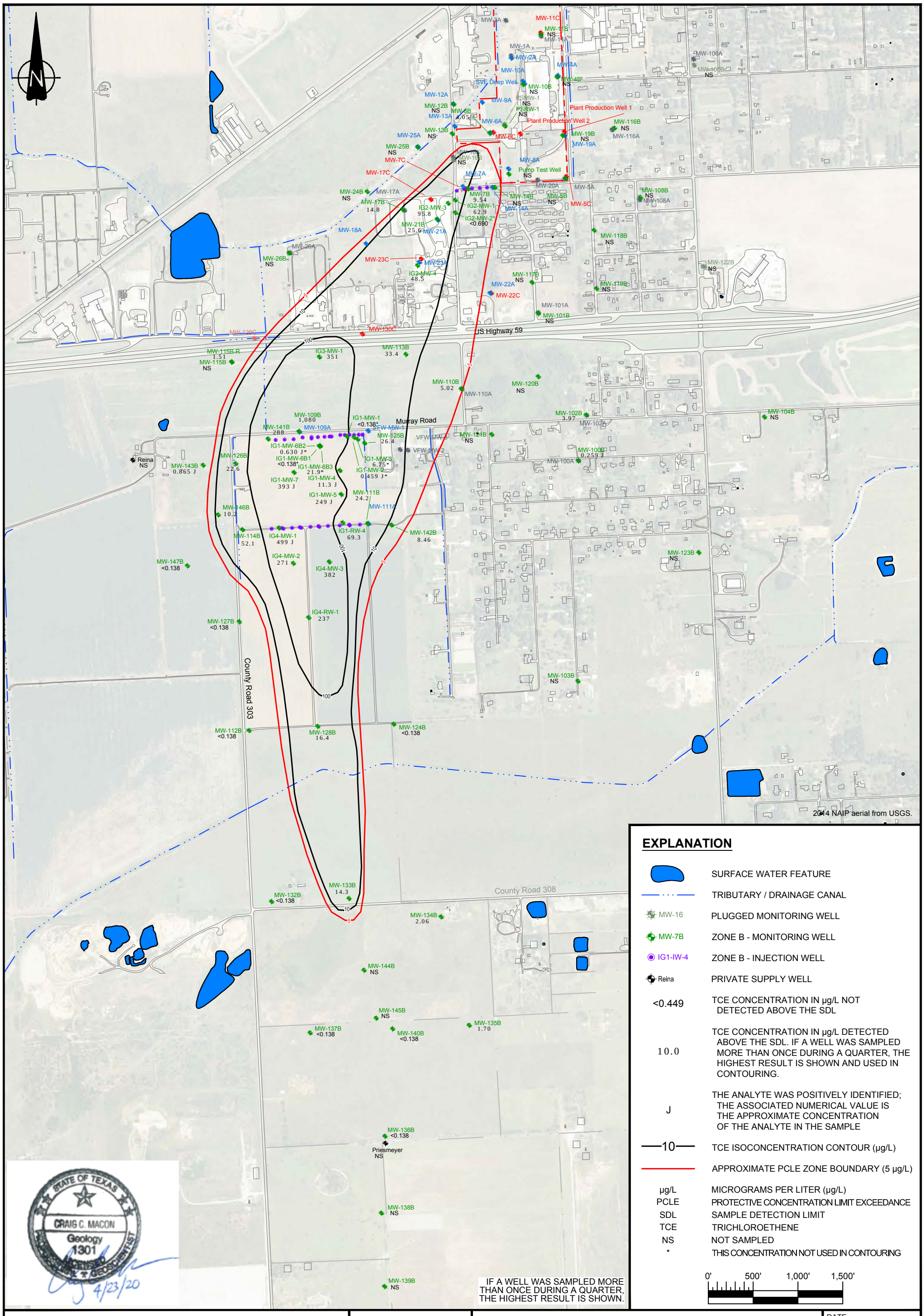

FIGURE 8

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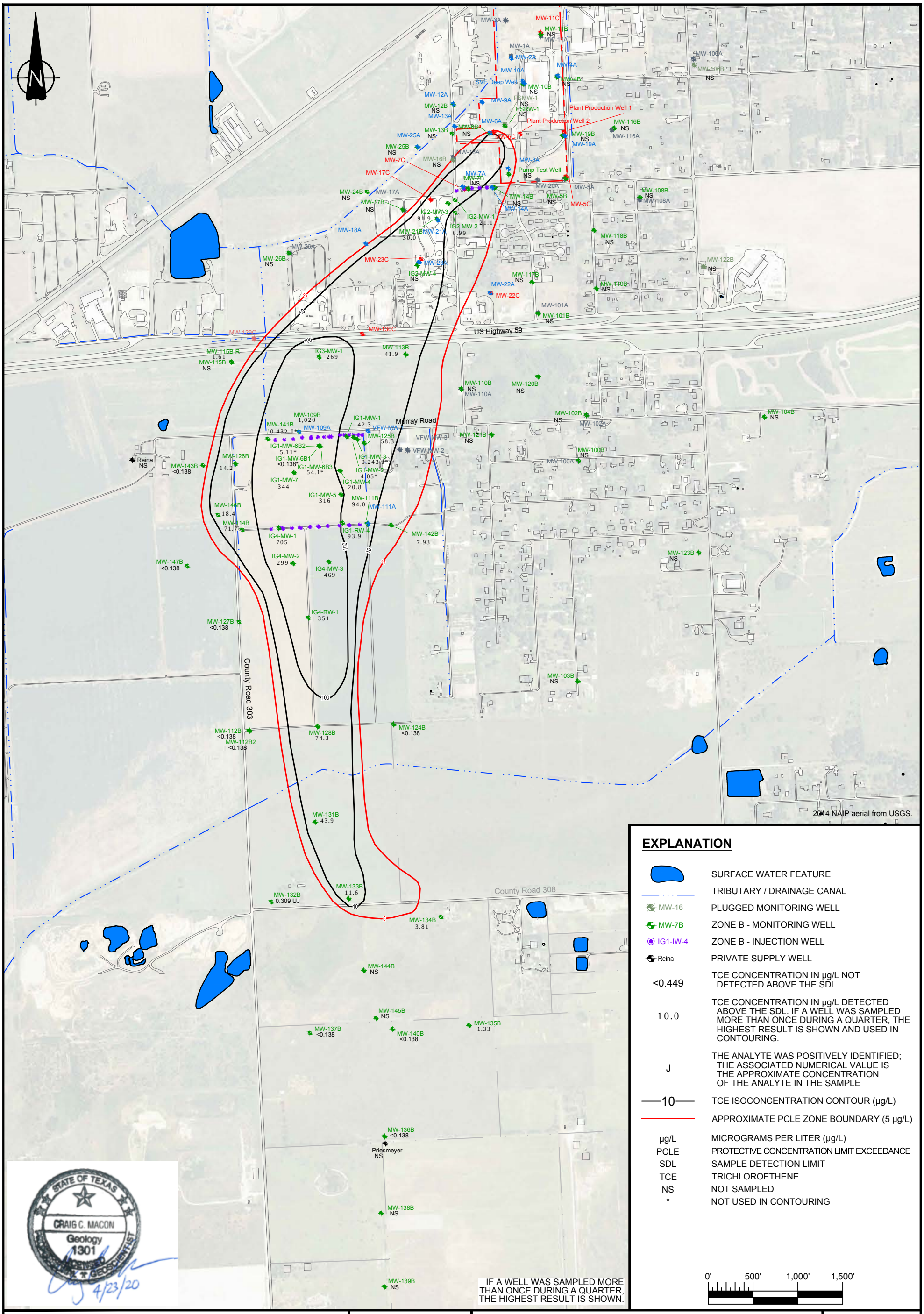
El Campo, Texas

TRICHLOROETHENE GROUNDWATER ISOCONCENTRATION MAP - B-ZONE
THIRD QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 1,000'
PROJECT NO.: 0126200001
FIGURE: 8

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 5-6-7-8-9-24 TCE Isoconcentration Maps.dwg - 8 - ZONE B Q3 - Apr. 20, 2020 7:41am - brian.johnson



EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG1-IW-4	ZONE B - INJECTION WELL
Reina	PRIVATE SUPPLY WELL
<0.449	TCE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	TCE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
—10—	TCE ISOCONCENTRATION CONTOUR (µg/L)
	APPROXIMATE PCLE ZONE BOUNDARY (5 µg/L)
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
TCE	TRICHLOROETHENE
NS	NOT SAMPLED
*	NOT USED IN CONTOURING

0' 500' 1,000' 1,500'

IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN.

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FIGURE 9

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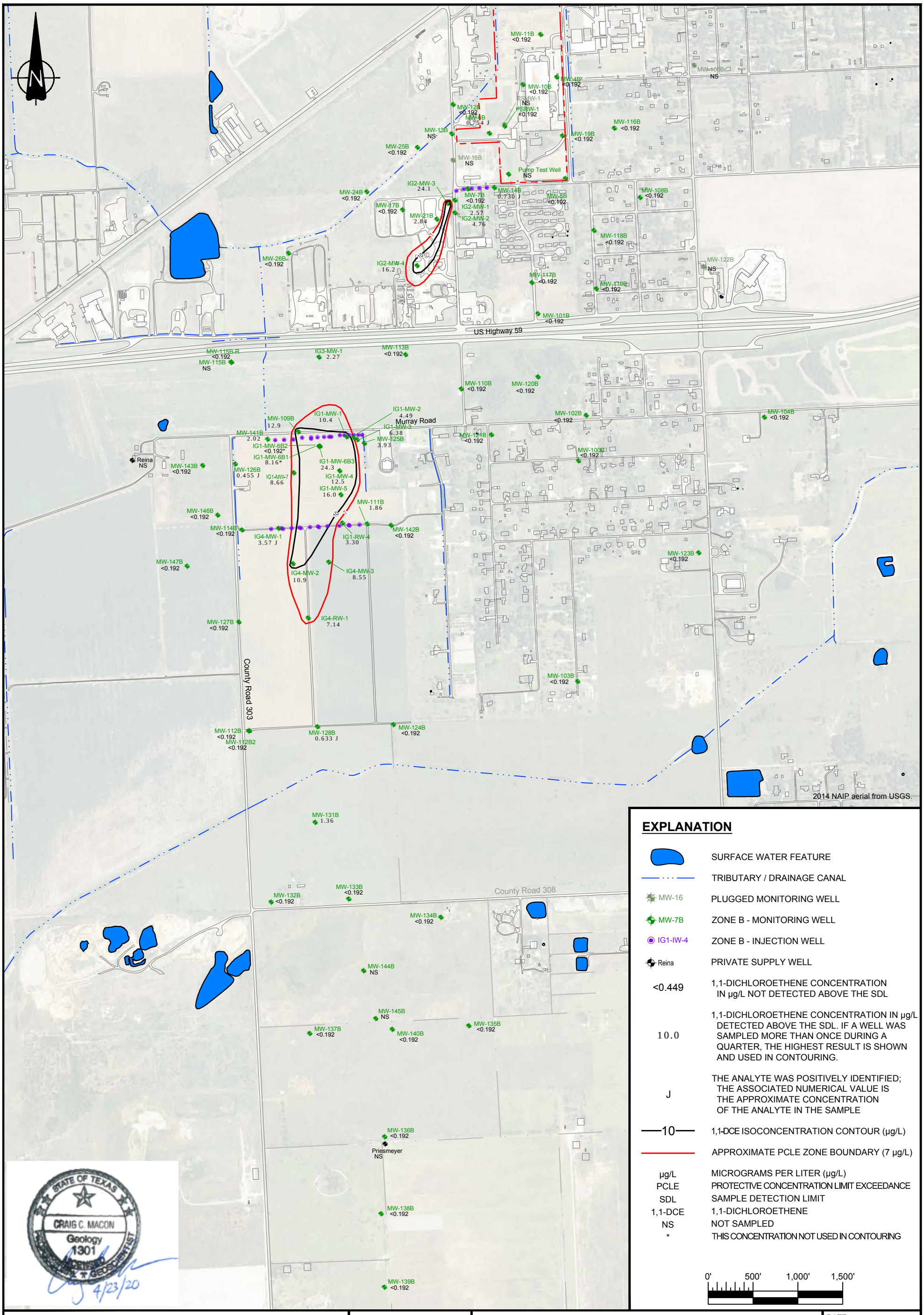
El Campo Aluminum Facility
El Campo, Texas

TRICHLOROETHENE GROUNDWATER ISOCONCENTRATION MAP - B-ZONE FOURTH QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 1,000'
PROJECT NO.: 0126200001
FIGURE: 9

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 5-6-7-8-9-24 TCE Isoconcentration Maps.dwg - 9 - ZONE B Q4 - Apr. 21, 2020 3:34pm - brian.johnson



EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG1-IW-4	ZONE B - INJECTION WELL
Reina	PRIVATE SUPPLY WELL
<0.449	1,1-DICHLOROETHENE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	1,1-DICHLOROETHENE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
—10—	1,1-DCE ISOCONCENTRATION CONTOUR (µg/L)
	APPROXIMATE PCLE ZONE BOUNDARY (7 µg/L)
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
1,1-DCE	1,1-DICHLOROETHENE
NS	NOT SAMPLED
*	THIS CONCENTRATION NOT USED IN CONTOURING

0' 500' 1,000' 1,500'

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FIGURE 10

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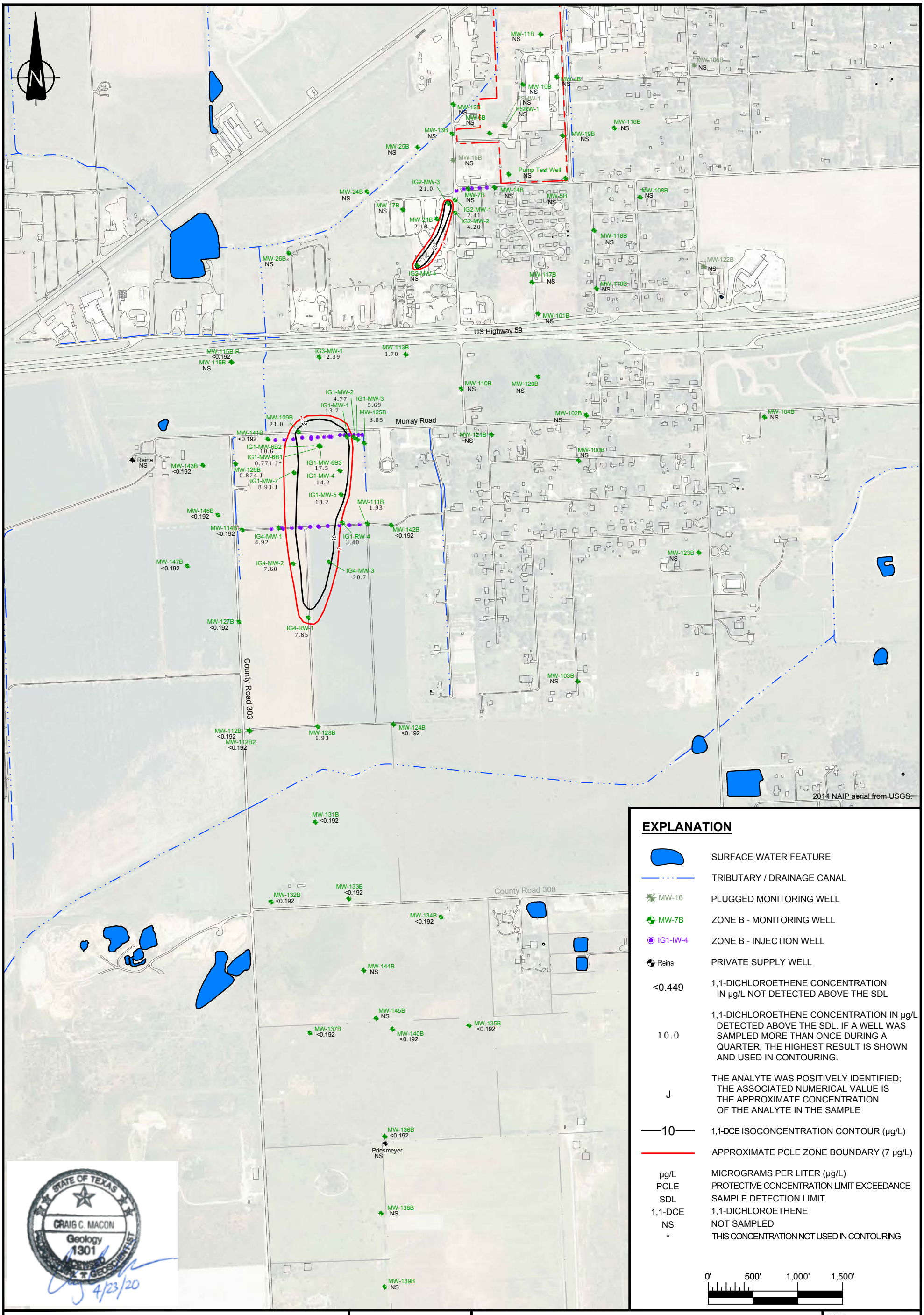
El Campo, Texas

1,1-DICHLOROETHENE GROUNDWATER ISOCONCENTRATION MAP - B-ZONE FIRST QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 800'
PROJECT NO.: 0126200001
FIGURE: 10

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 10-11-12-13 1,1-DCE Isoconcentration Maps.dwg - 10 - ZONE B Q1 - Apr. 20, 2020 8:25am - brian.johnson



EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG1-IW-4	ZONE B - INJECTION WELL
Reina	PRIVATE SUPPLY WELL
<0.449	1,1-DICHLOROETHENE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	1,1-DICHLOROETHENE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
—10—	1,1-DCE ISOCONCENTRATION CONTOUR (µg/L)
	APPROXIMATE PCLE ZONE BOUNDARY (7 µg/L)
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
1,1-DCE	1,1-DICHLOROETHENE
NS	NOT SAMPLED
*	THIS CONCENTRATION NOT USED IN CONTOURING

0' 500' 1,000' 1,500'

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FIGURE 11

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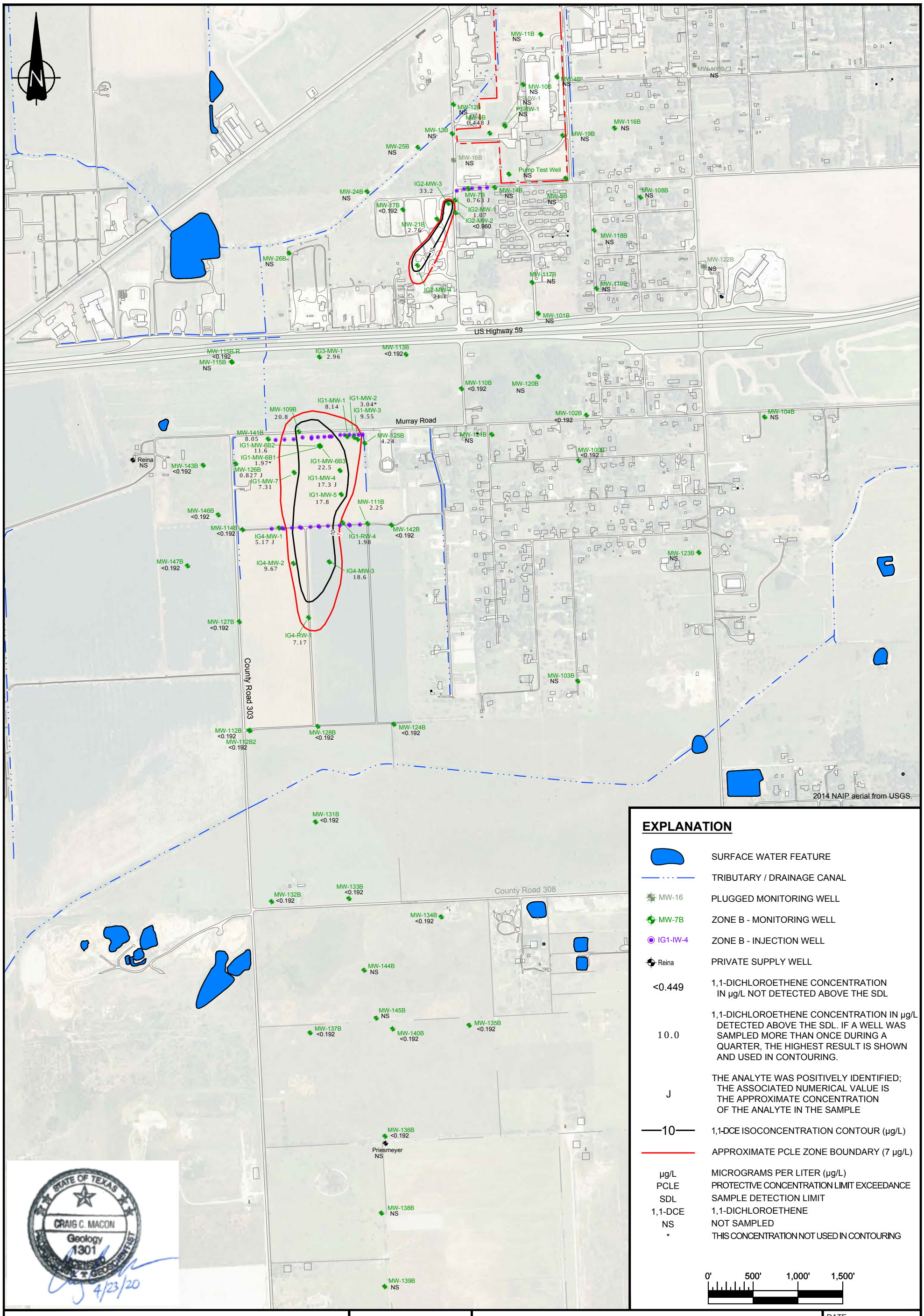
1,1-DICHLOROETHENE GROUNDWATER ISOCONCENTRATION MAP - B-ZONE SECOND QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 800'
PROJECT NO.: 0126200001
FIGURE: 11

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 10-11-12-13 1,1-DCE Isoconcentration Maps.dwg - 11 - ZONE B Q2 - Apr. 20, 2020 8:25am - brian.johnson



EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG1-IW-4	ZONE B - INJECTION WELL
Reina	PRIVATE SUPPLY WELL
<0.449	1,1-DICHLOROETHENE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	1,1-DICHLOROETHENE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
—10—	1,1-DCE ISOCONCENTRATION CONTOUR (µg/L)
	APPROXIMATE PCLE ZONE BOUNDARY (7 µg/L)
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
1,1-DCE	1,1-DICHLOROETHENE
NS	NOT SAMPLED
*	THIS CONCENTRATION NOT USED IN CONTOURING

0' 500' 1,000' 1,500'

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FIGURE 12

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El Campo, Texas

1,1-DICHLOROETHENE GROUNDWATER ISOCONCENTRATION MAP - B-ZONE THIRD QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 800'
PROJECT NO.: 0126200001
FIGURE: 12

DRAWN BY: BRJ CHECKED BY: -

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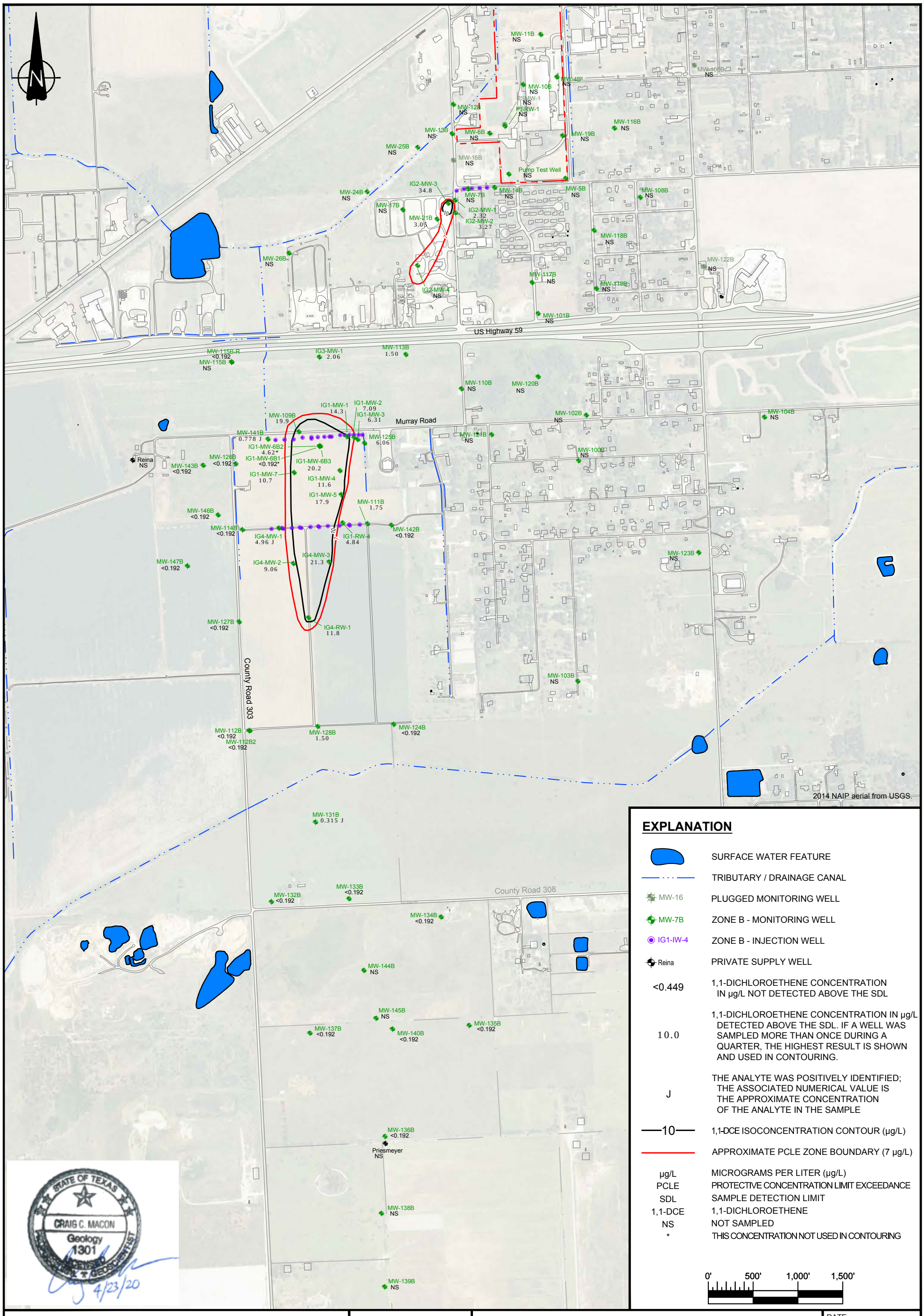

EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG1-IW-4	ZONE B - INJECTION WELL
Reina	PRIVATE SUPPLY WELL
<0.449	1,1-DICHLOROETHENE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	1,1-DICHLOROETHENE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
—10—	1,1-DCE ISOCONCENTRATION CONTOUR (µg/L)
	APPROXIMATE PCLE ZONE BOUNDARY (7 µg/L)
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
1,1-DCE	1,1-DICHLOROETHENE
NS	NOT SAMPLED
*	THIS CONCENTRATION NOT USED IN CONTOURING

0' 500' 1,000' 1,500'

FIGURE 13

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El Campo, Texas

1,1-DICHLOROETHENE GROUNDWATER ISOCONCENTRATION MAP - B-ZONE FOURTH QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 800'
PROJECT NO.: 0126200001
FIGURE: 13

DRAWN BY: BRJ CHECKED BY: -

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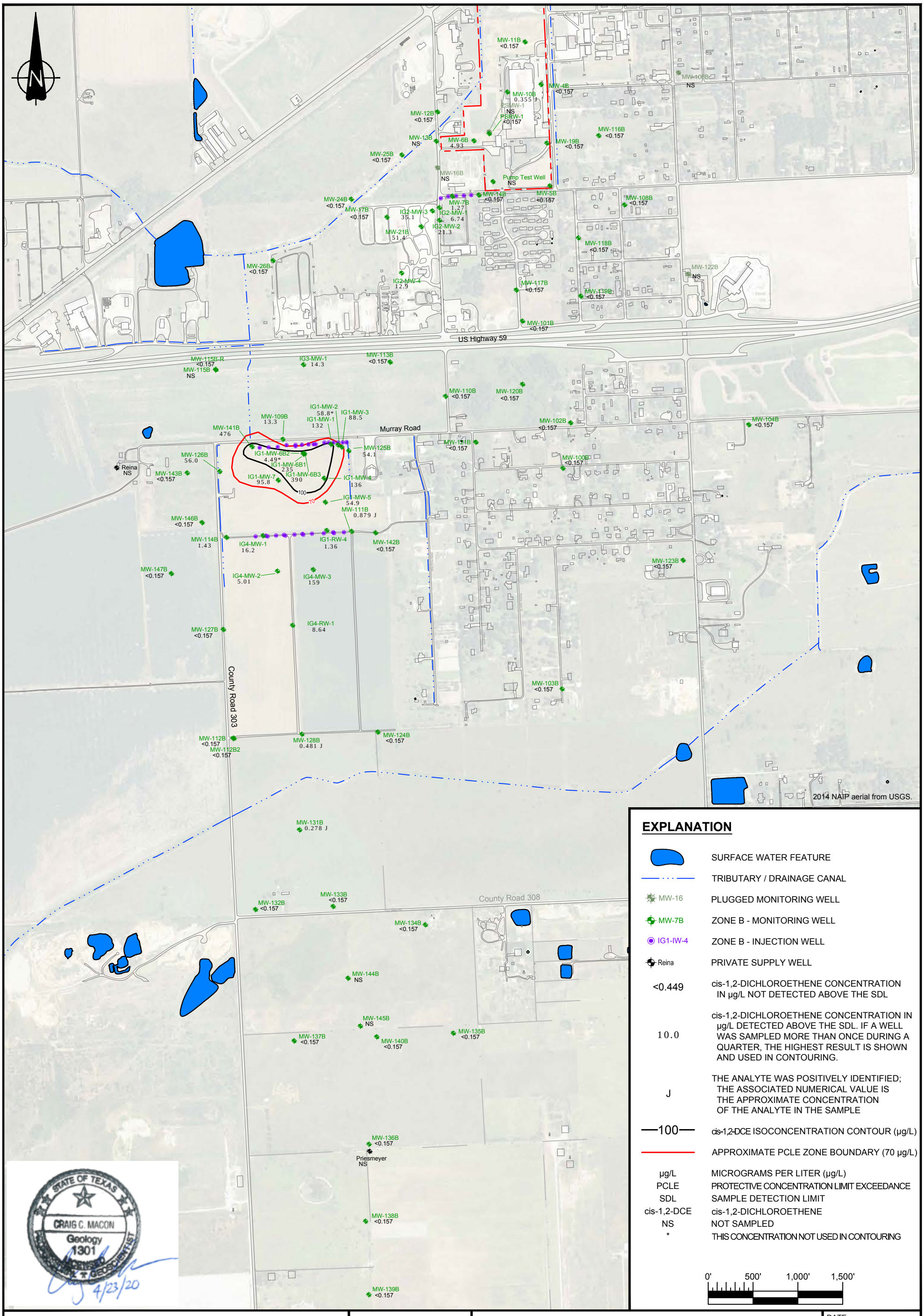

EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG1-IW-4	ZONE B - INJECTION WELL
Reina	PRIVATE SUPPLY WELL
<0.449	cis-1,2-DICHLOROETHENE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	cis-1,2-DICHLOROETHENE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
—100—	cis-1,2-DCE ISOCONCENTRATION CONTOUR (µg/L)
	APPROXIMATE PCLE ZONE BOUNDARY (70 µg/L)
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
cis-1,2-DCE	cis-1,2-DICHLOROETHENE
NS	NOT SAMPLED
*	THIS CONCENTRATION NOT USED IN CONTOURING

0' 500' 1,000' 1,500'

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FIGURE 14

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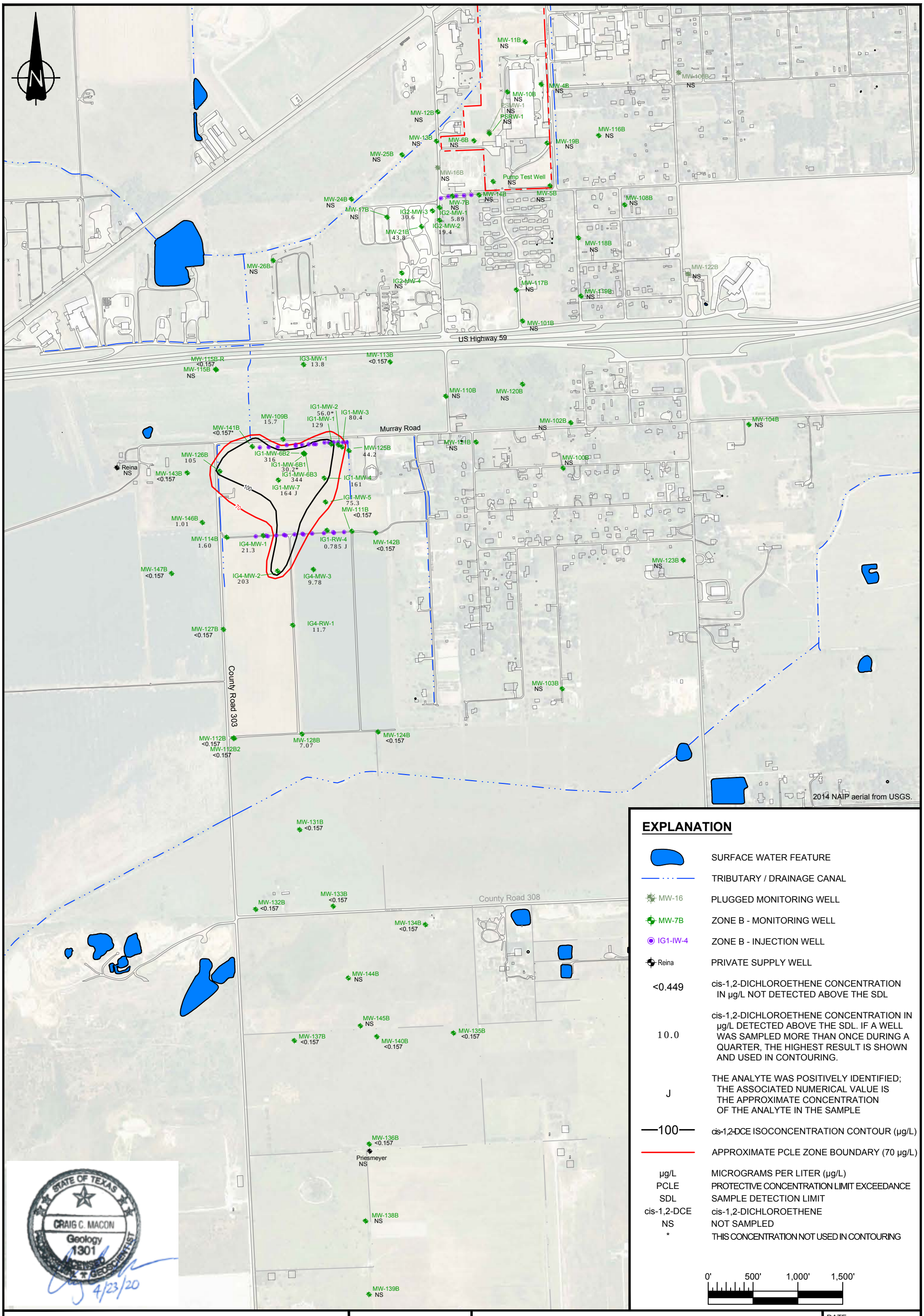
El Campo, Texas

cis-1,2-DICHLOROETHENE GROUNDWATER ISOCONCENTRATION MAP - B-ZONE FIRST QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 1000'
PROJECT NO.: 0126200001
FIGURE: 14

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 14-15-16-17 cis-1,2-DCE Isoconcentration Maps.dwg - 14 - ZONE B Q1 - Apr. 20, 2020 8:51am - brian.johnson



EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG1-IW-4	ZONE B - INJECTION WELL
Reina	PRIVATE SUPPLY WELL
<0.449	cis-1,2-DICHLOROETHENE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	cis-1,2-DICHLOROETHENE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
—100—	cis-1,2-DCE ISOCONCENTRATION CONTOUR (µg/L)
	APPROXIMATE PCLE ZONE BOUNDARY (70 µg/L)
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
cis-1,2-DCE	cis-1,2-DICHLOROETHENE
NS	NOT SAMPLED
*	THIS CONCENTRATION NOT USED IN CONTOURING

0' 500' 1,000' 1,500'

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FIGURE 15

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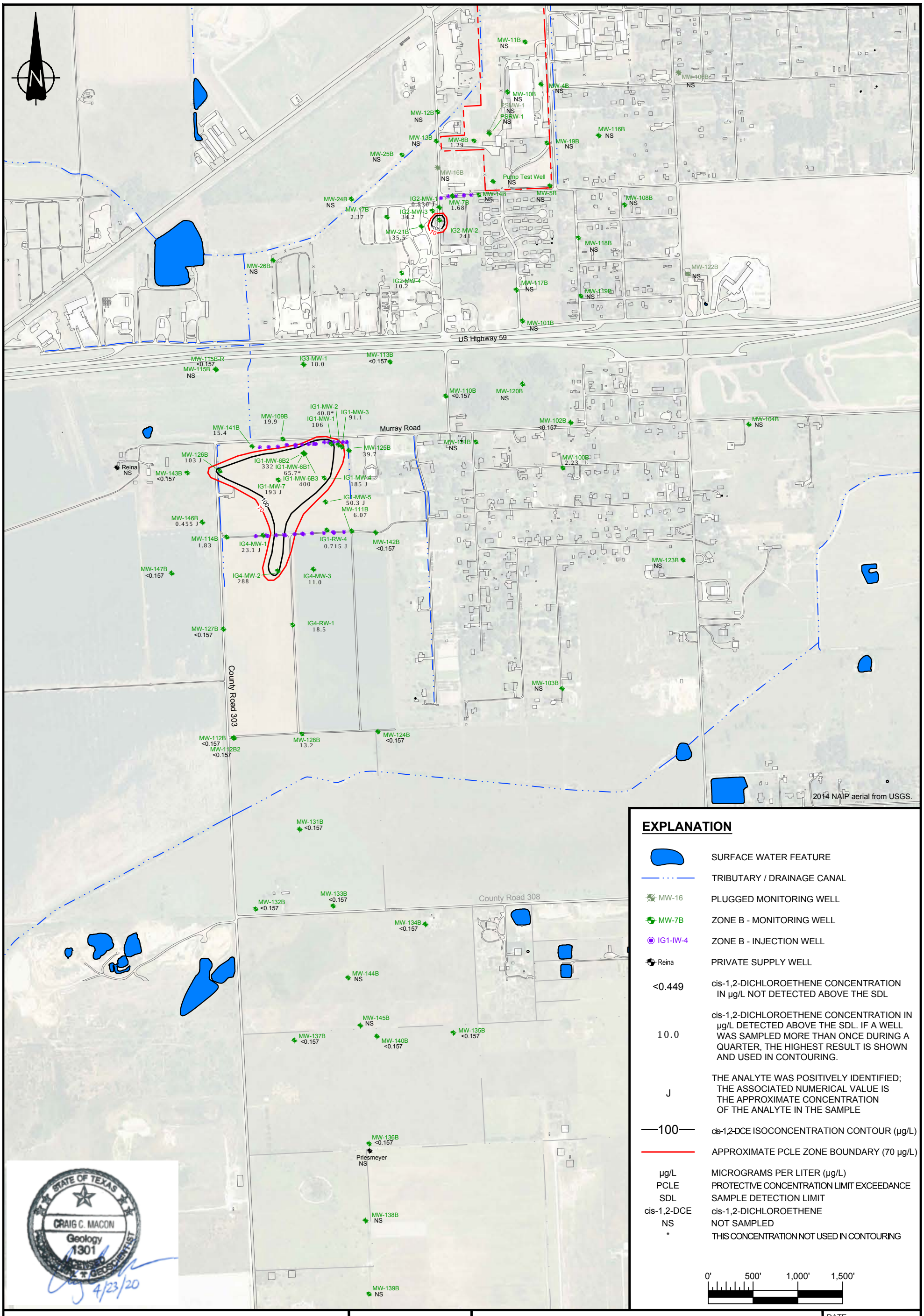
El Campo Aluminum Facility
El Campo, Texas

cis-1,2-DICHLOROETHENE GROUNDWATER ISOCONCENTRATION MAP - B-ZONE SECOND QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 1000'
PROJECT NO.: 0126200001
FIGURE: 15

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 14-15-16-17 cis-1,2-DCE Isoconcentration Maps.dwg - 15 - ZONE B Q2 - Apr. 20, 2020 8:51am - brian.johnson



EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG1-IW-4	ZONE B - INJECTION WELL
Reina	PRIVATE SUPPLY WELL
<0.449	cis-1,2-DICHLOROETHENE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	cis-1,2-DICHLOROETHENE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
—100—	cis-1,2-DCE ISOCONCENTRATION CONTOUR (µg/L)
	APPROXIMATE PCLE ZONE BOUNDARY (70 µg/L)
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
cis-1,2-DCE	cis-1,2-DICHLOROETHENE
NS	NOT SAMPLED
*	THIS CONCENTRATION NOT USED IN CONTOURING

0' 500' 1,000' 1,500'

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FIGURE 16

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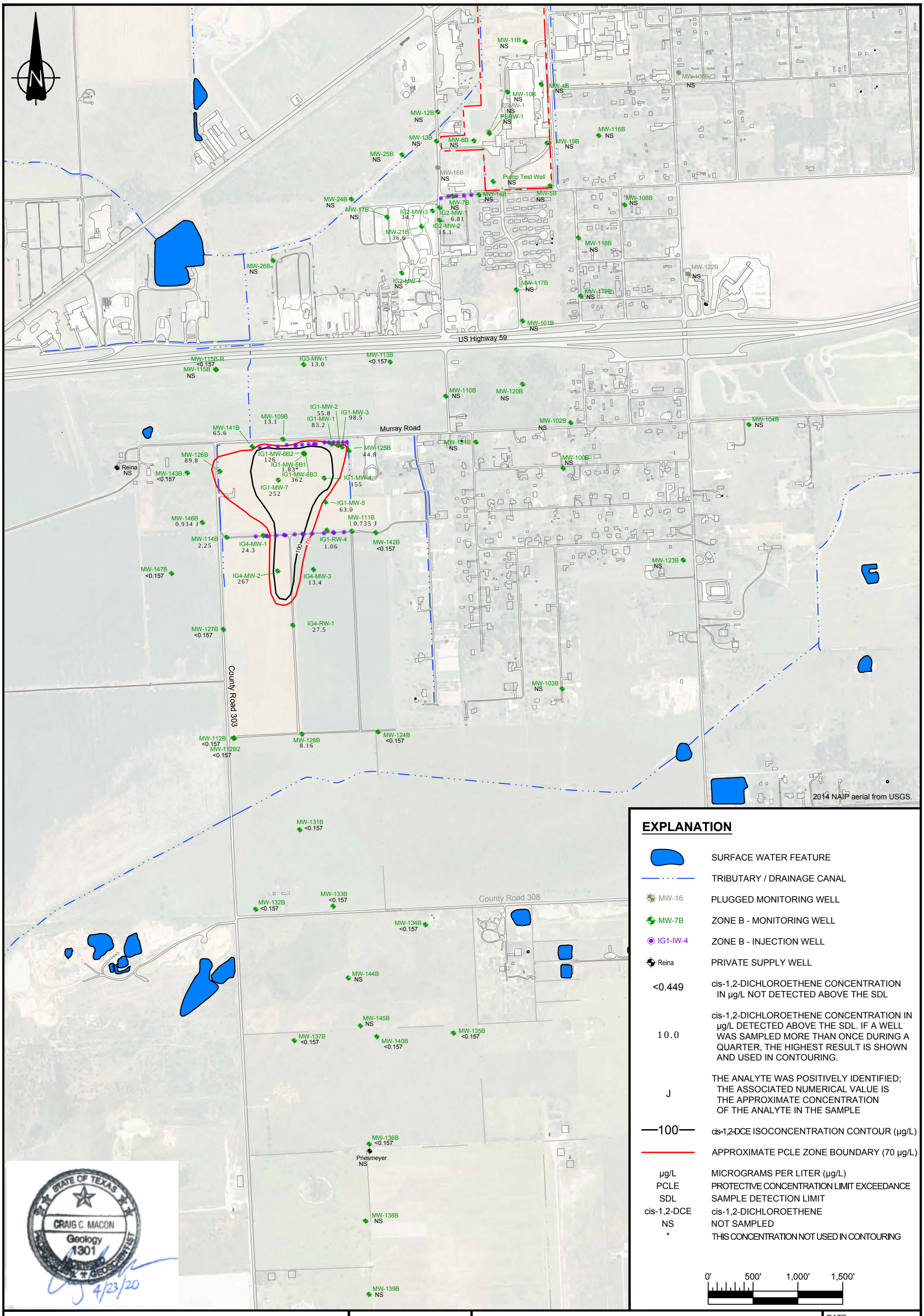
cis-1,2-DICHLOROETHENE GROUNDWATER ISOCONCENTRATION MAP - B-ZONE THIRD QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 1000'
PROJECT NO.: 0126200001
FIGURE: 16

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 14-15-16-17 cis-1,2-DCE Isoconcentration Maps.dwg - 16 - ZONE B Q3 - Apr. 20, 2020 8:51am - brian.johnson



EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG1-IW-4	ZONE B - INJECTION WELL
Reina	PRIVATE SUPPLY WELL
<0.449	cis-1,2-DICHLOROETHENE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	cis-1,2-DICHLOROETHENE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
—100—	cis-1,2-DCE ISOCONCENTRATION CONTOUR (µg/L)
	APPROXIMATE PCLE ZONE BOUNDARY (70 µg/L)
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
cis-1,2-DCE	cis-1,2-DICHLOROETHENE
NS	NOT SAMPLED
*	THIS CONCENTRATION NOT USED IN CONTOURING

0' 500' 1,000' 1,500'

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FIGURE 17

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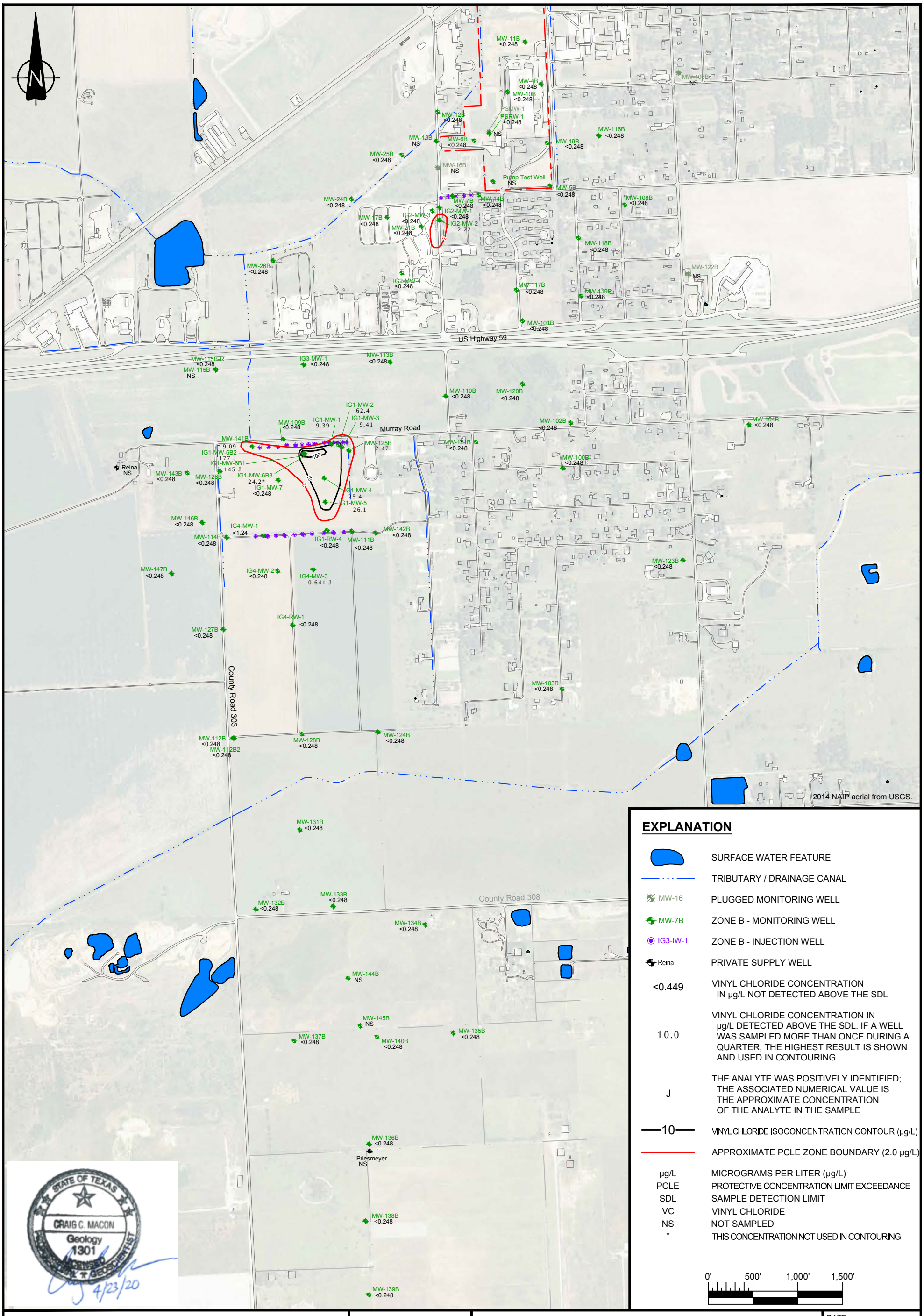
El Campo, Texas

cis-1,2-DICHLOROETHENE GROUNDWATER ISOCONCENTRATION MAP - B-ZONE FOURTH QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 1000'
PROJECT NO.: 0126200001
FIGURE: 17

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 14-15-16-17 cis-1,2-DCE Isoconcentration Maps.dwg - 17 - ZONE B Q4 - Apr. 20, 2020 8:51am - brian.johnson



EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG3-IW-1	ZONE B - INJECTION WELL
Reina	PRIVATE SUPPLY WELL
<0.449	VINYL CHLORIDE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	VINYL CHLORIDE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
—10—	VINYL CHLORIDE ISOCONCENTRATION CONTOUR (µg/L)
	APPROXIMATE PCLE ZONE BOUNDARY (2.0 µg/L)
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
VC	VINYL CHLORIDE
NS	NOT SAMPLED
*	THIS CONCENTRATION NOT USED IN CONTOURING

0' 500' 1,000' 1,500'

STATE OF TEXAS
CRAIG C. MACON
Geology
1301
LICENSED PROFESSIONAL GEOSCIENTIST
4/23/20

FIGURE 18

Wood Environment & Infrastructure Solutions, Inc.
3755 South Capital of Texas Highway, Suite 375
Austin, TX 78704

wood.

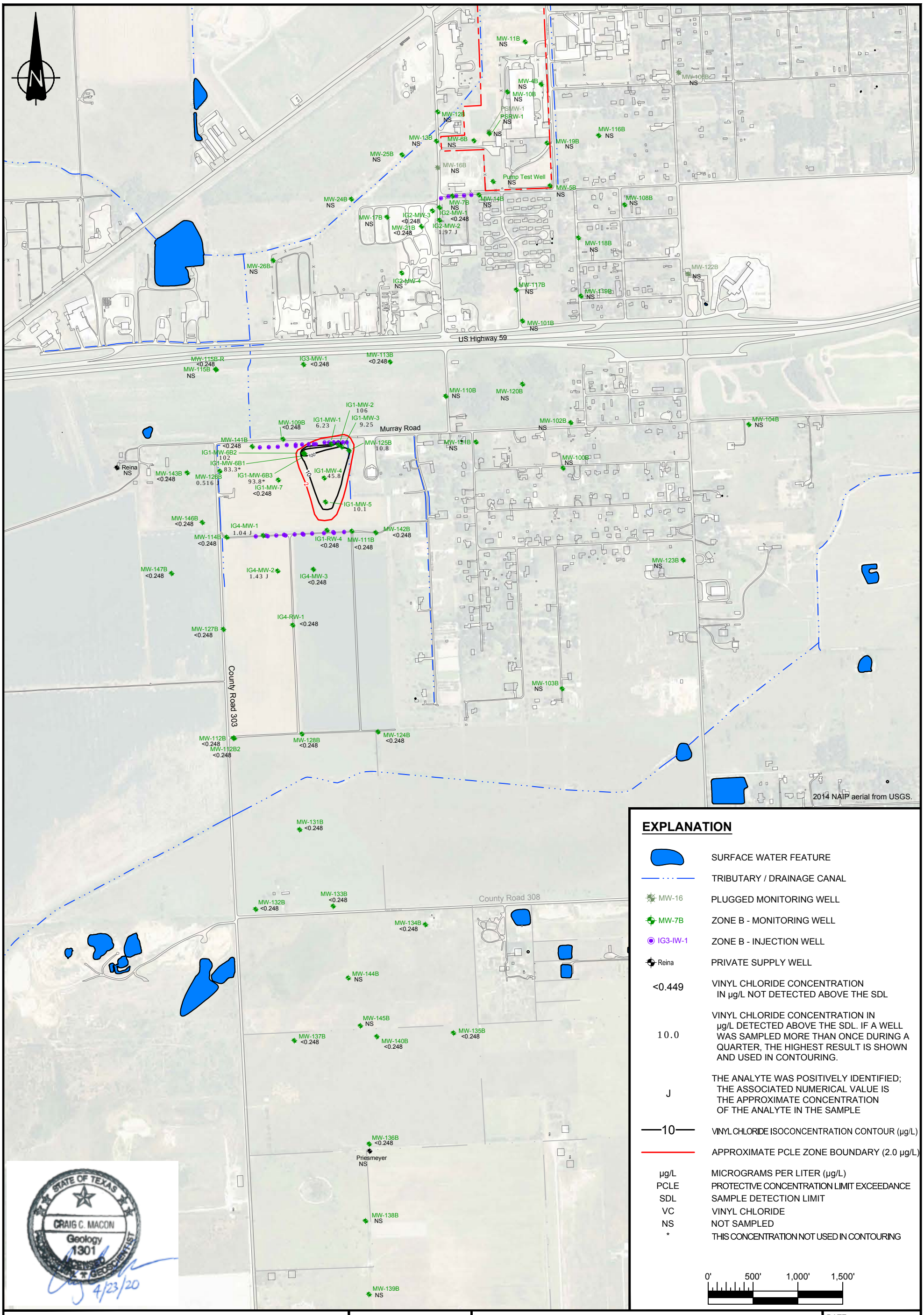
El Campo Aluminum Facility
El Campo, Texas

VINYL CHLORIDE GROUNDWATER ISOCONCENTRATION MAP - B-ZONE FIRST QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 1000'
PROJECT NO.: 0126200001
FIGURE: 18

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 18-19-20-21 Vinyl Chloride Isoconcentration Maps.dwg - 18 - ZONE B Q1 - Apr. 20, 2020 9:01am - brian.johnson



EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG3-IW-1	ZONE B - INJECTION WELL
Reina	PRIVATE SUPPLY WELL
<0.449	VINYL CHLORIDE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	VINYL CHLORIDE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
—10—	VINYL CHLORIDE ISOCONCENTRATION CONTOUR (µg/L)
	APPROXIMATE PCLE ZONE BOUNDARY (2.0 µg/L)
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
VC	VINYL CHLORIDE
NS	NOT SAMPLED
*	THIS CONCENTRATION NOT USED IN CONTOURING

0' 500' 1,000' 1,500'

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FIGURE 19

VINYL CHLORIDE GROUNDWATER ISOCONCENTRATION MAP - B-ZONE SECOND QUARTER 2019

El Campo Aluminum Facility
El Campo, Texas

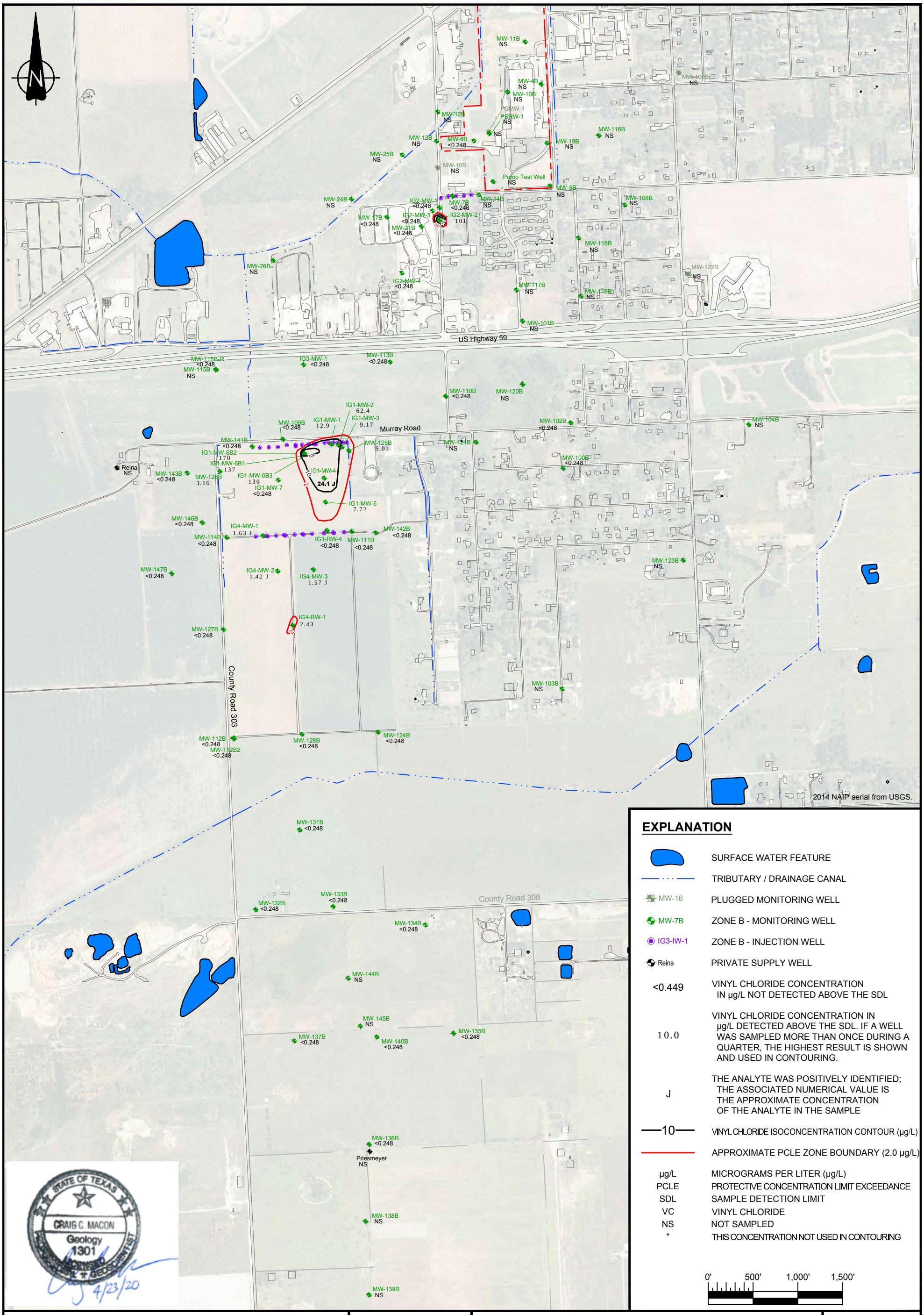
DATE: MARCH 2020
SCALE: 1" = 1000'
PROJECT NO.: 0126200001
FIGURE: 19

Wood Environment & Infrastructure Solutions, Inc.
3755 South Capital of Texas Highway, Suite 375
Austin, TX 78704

wood.

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 18-19-20-21 Vinyl Chloride Isoconcentration Maps.dwg - 19 - ZONE B Q2 - Apr. 21, 2020 5:02pm - brian.johnson



EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG3-IW-1	ZONE B - INJECTION WELL
Reina	PRIVATE SUPPLY WELL
<0.449	VINYL CHLORIDE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	VINYL CHLORIDE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
—10—	VINYL CHLORIDE ISOCONCENTRATION CONTOUR (µg/L)
	APPROXIMATE PCLE ZONE BOUNDARY (2.0 µg/L)
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
VC	VINYL CHLORIDE
NS	NOT SAMPLED
*	THIS CONCENTRATION NOT USED IN CONTOURING

0' 500' 1,000' 1,500'

STATE OF TEXAS
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FIGURE 20

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Austin, TX 78704

wood.

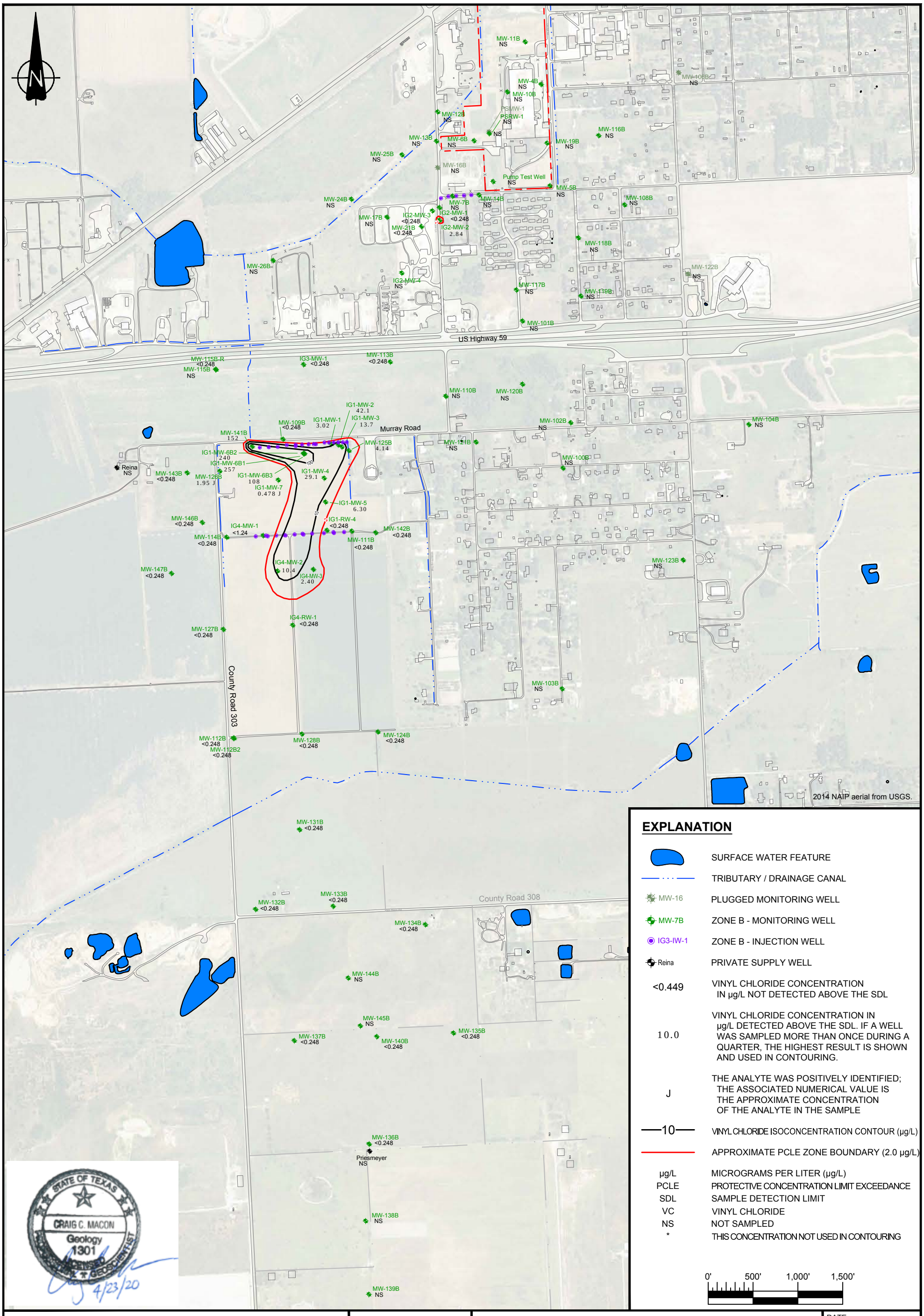
El Campo Aluminum Facility
El Campo, Texas

VINYL CHLORIDE GROUNDWATER ISOCONCENTRATION MAP - B-ZONE THIRD QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 1000'
PROJECT NO.: 0126200001
FIGURE: 20

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 18-19-20-21 Vinyl Chloride Isoconcentration Maps.dwg - 20 - ZONE B Q3 - Apr. 20, 2020 9:01am - brian.johnson



EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG3-IW-1	ZONE B - INJECTION WELL
Reina	PRIVATE SUPPLY WELL
<0.449	VINYL CHLORIDE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	VINYL CHLORIDE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
—10—	VINYL CHLORIDE ISOCONCENTRATION CONTOUR (µg/L)
	APPROXIMATE PCLE ZONE BOUNDARY (2.0 µg/L)
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
VC	VINYL CHLORIDE
NS	NOT SAMPLED
*	THIS CONCENTRATION NOT USED IN CONTOURING

0' 500' 1,000' 1,500'

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FIGURE 21

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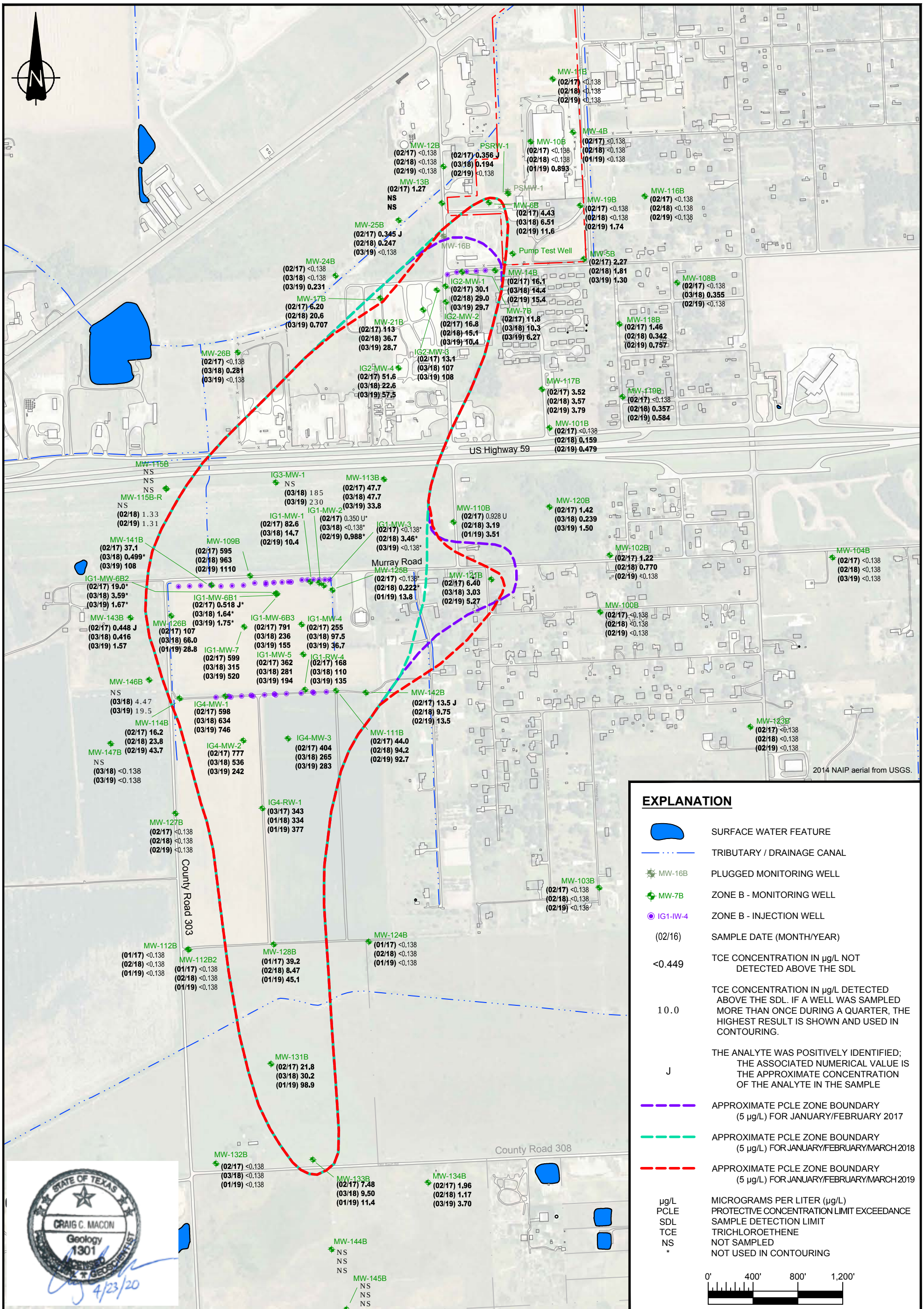
El Campo Aluminum Facility
El Campo, Texas

VINYL CHLORIDE GROUNDWATER ISOCONCENTRATION MAP - B-ZONE FOURTH QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 1000'
PROJECT NO.: 0126200001
FIGURE: 21

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 18-19-20-21 Vinyl Chloride Isoconcentration Maps.dwg - 21 - ZONE B Q4 - Apr. 20, 2020 9:02am - brian.johnson



EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16B	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG1-IW-4	ZONE B - INJECTION WELL
(02/16)	SAMPLE DATE (MONTH/YEAR)
<0.449	TCE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	TCE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
	APPROXIMATE PCLE ZONE BOUNDARY (5 µg/L) FOR JANUARY/FEBRUARY 2017
	APPROXIMATE PCLE ZONE BOUNDARY (5 µg/L) FOR JANUARY/FEBRUARY/MARCH 2018
	APPROXIMATE PCLE ZONE BOUNDARY (5 µg/L) FOR JANUARY/FEBRUARY/MARCH 2019
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
TCE	TRICHLOROETHENE
NS	NOT SAMPLED
*	NOT USED IN CONTOURING

0' 400' 800' 1,200'

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FIGURE 21

TRICHLOROETHENE GROUNDWATER PCLE ZONE BETWEEN 2017 and 2019 - B-ZONE

El Campo Aluminum Facility
El Campo, Texas

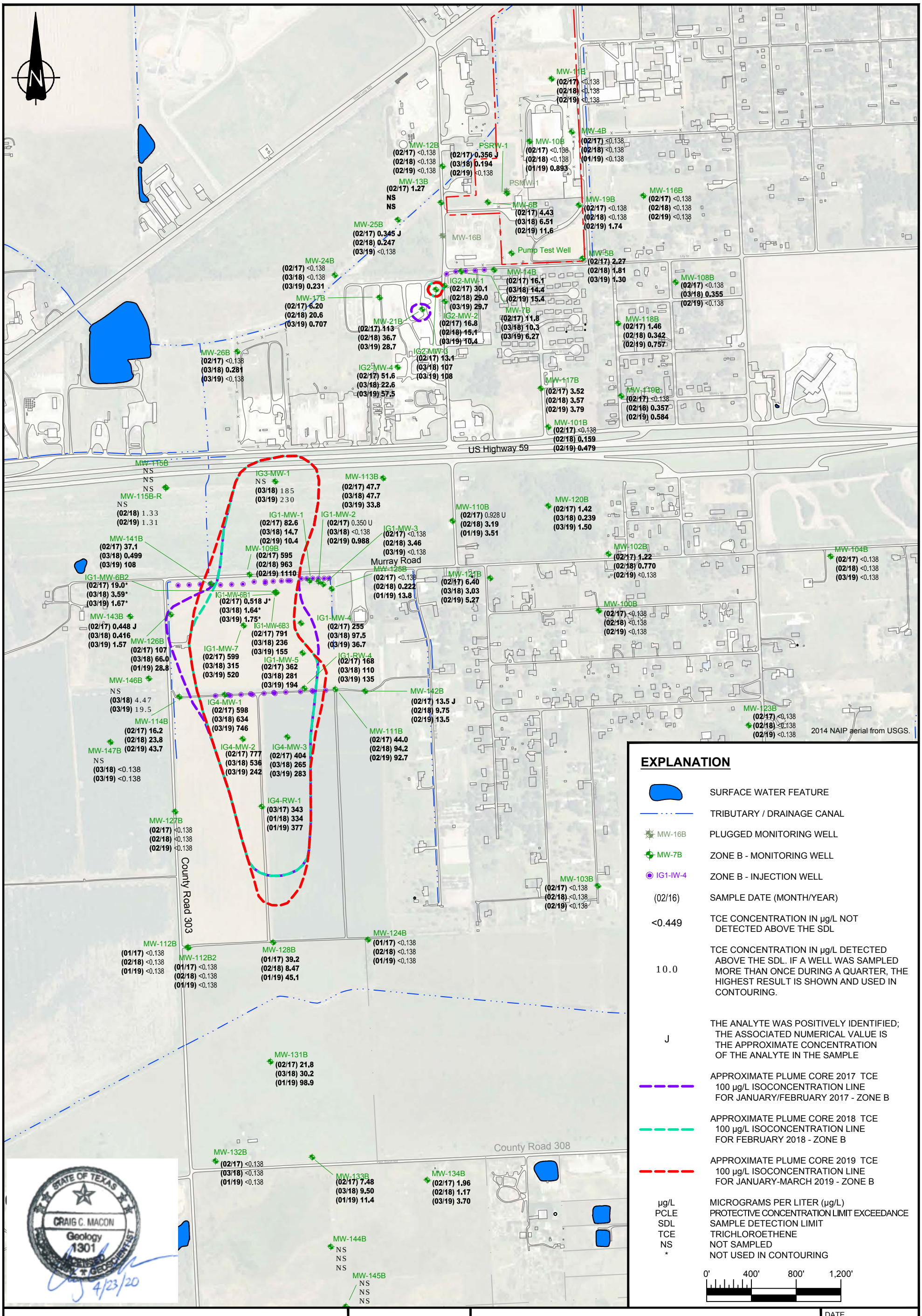
Wood Environment & Infrastructure Solutions, Inc.
3755 South Capital of Texas Highway, Suite 375
Austin, TX 78704

wood.

DATE: MARCH 2020
SCALE: 1" = 800'
PROJECT NO.: 0126200001
FIGURE: 22

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 22-25 TCE Isoconcentration Maps PCLE Zone 2017-2019.dwg - 22 - ZONE B - Apr. 20, 2020 9:15am - brian.johnson



EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-16B	PLUGGED MONITORING WELL
MW-7B	ZONE B - MONITORING WELL
IG1-IW-4	ZONE B - INJECTION WELL
(02/16)	SAMPLE DATE (MONTH/YEAR)
<0.449	TCE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	TCE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
	APPROXIMATE PLUME CORE 2017 TCE 100 µg/L ISOCONCENTRATION LINE FOR JANUARY/FEBRUARY 2017 - ZONE B
	APPROXIMATE PLUME CORE 2018 TCE 100 µg/L ISOCONCENTRATION LINE FOR FEBRUARY 2018 - ZONE B
	APPROXIMATE PLUME CORE 2019 TCE 100 µg/L ISOCONCENTRATION LINE FOR JANUARY-MARCH 2019 - ZONE B
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
TCE	TRICHLOROETHENE
NS	NOT SAMPLED
*	NOT USED IN CONTOURING

0' 400' 800' 1,200'

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4/23/20

FIGURE 22

Wood Environment & Infrastructure Solutions, Inc.
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wood.

El Campo Aluminum Facility
El Campo, Texas

TRICHLOROETHENE GROUNDWATER
100 MICROGRAMS PER LITER CONTOUR
BETWEEN 2017 AND 2019 - B-ZONE

DATE: MARCH 2020
SCALE: 1" = 800'
PROJECT NO.: 0126200001
FIGURE: 23

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 23 B Zone TCE Above 100 ugL Previous 3 Years.dwg - 23 ZONE B North - Apr. 21, 2020 5:10pm - brian.johnson

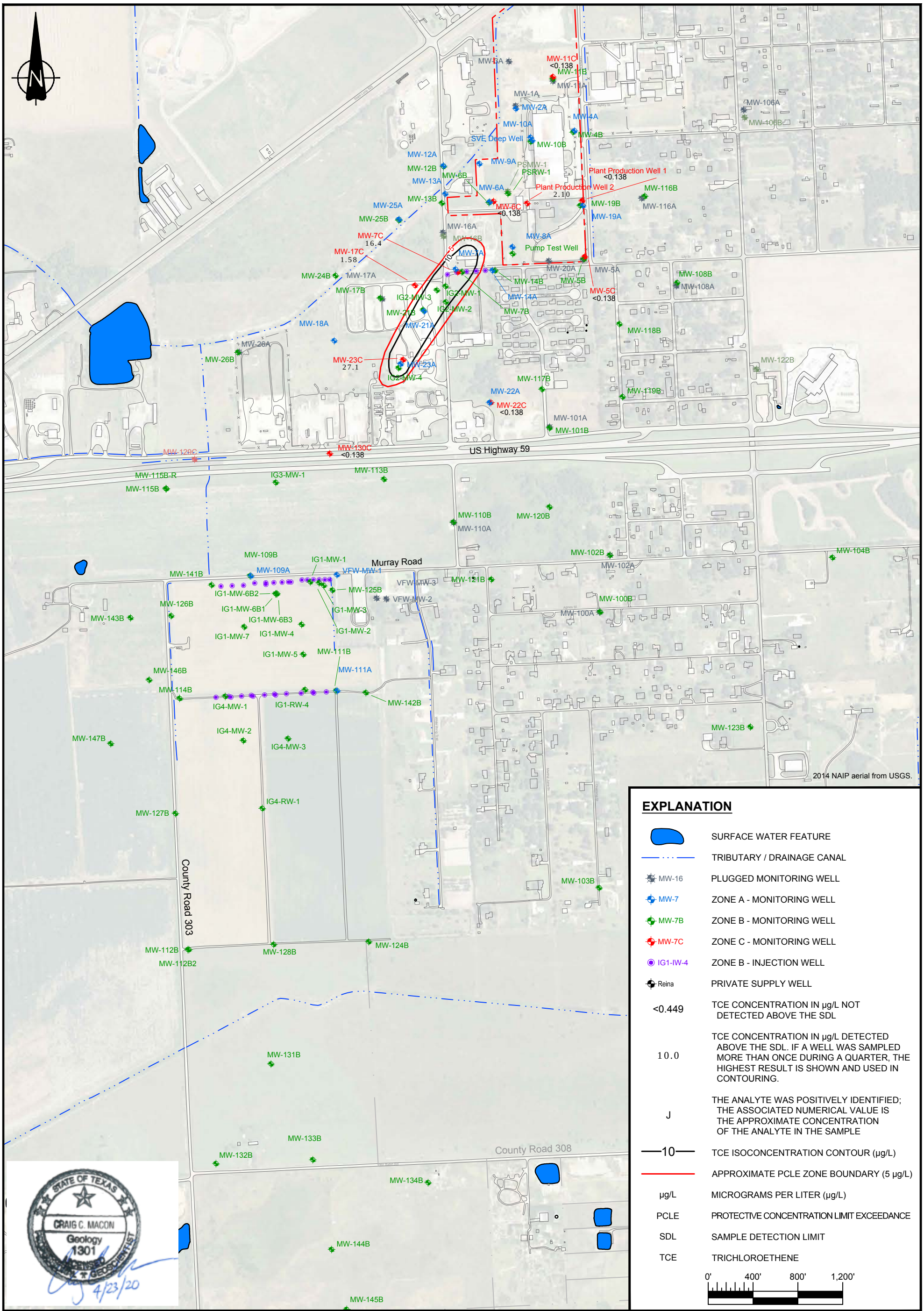

FIGURE 24

Wood Environment & Infrastructure Solutions, Inc.
3755 South Capital of Texas Highway, Suite 375
Austin, TX 78704

wood.

El Campo Aluminum Facility
El Campo, Texas

TRICHLOROETHENE GROUNDWATER ISOCONCENTRATION MAP - C-ZONE FIRST QUARTER 2019

DATE: MARCH 2020
SCALE: 1" = 800'
PROJECT NO.: 0126200001
FIGURE: 24

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 5-6-7-8-9-24 TCE Isoconcentration Maps.dwg - 24 - ZONE C - Apr. 20, 2020 7:47am - brian.johnson

MW-11C
(02/17) <0.138
(02/18) <0.138
(02/19) <0.138

Plant Production Well 2
(02/17) 2.26
(03/18) 2.16
(02/19) 2.10

Plant Production Well 1
(02/17) <0.138
(03/18) <0.138
(02/19) <0.138

MW-6C
(02/17) <0.138
(02/18) <0.138
(02/19) <0.138

MW-7C
(02/17) 19.9
(03/18) 18.8
(02/19) 16.4

MW-5C
(02/17) <0.138
(02/18) <0.138
(03/19) <0.138

MW-17C
(02/17) <0.138
(02/18) 0.625
(02/19) 1.58

MW-23C
(02/17) 29.0
(02/18) 36.6
(03/19) 27.1

MW-22C
(02/17) <0.138
(02/18) <0.138
(03/19) <0.138

MW-130C
(02/17) <0.138
(03/18) 0.855
(03/19) <0.138

MW-129C

US Highway 59

Murray Road

County Road 303

County Road 308

2014 NAIP aerial from USGS.

EXPLANATION

	SURFACE WATER FEATURE
	TRIBUTARY / DRAINAGE CANAL
MW-129C	PLUGGED MONITORING WELL
MW-7C	ZONE C - MONITORING WELL
(02/16)	SAMPLE DATE (MONTH/YEAR)
<0.449	TCE CONCENTRATION IN µg/L NOT DETECTED ABOVE THE SDL
10.0	TCE CONCENTRATION IN µg/L DETECTED ABOVE THE SDL. IF A WELL WAS SAMPLED MORE THAN ONCE DURING A QUARTER, THE HIGHEST RESULT IS SHOWN AND USED IN CONTOURING.
J	THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE
	APPROXIMATE PCLE ZONE BOUNDARY (5 µg/L) FOR JANUARY/FEBRUARY 2017
	APPROXIMATE PCLE ZONE BOUNDARY (5 µg/L) FOR FEBRUARY/MARCH 2018
	APPROXIMATE PCLE ZONE BOUNDARY (5 µg/L) FOR FEBRUARY/MARCH 2019
µg/L	MICROGRAMS PER LITER (µg/L)
PCLE	PROTECTIVE CONCENTRATION LIMIT EXCEEDANCE
SDL	SAMPLE DETECTION LIMIT
TCE	TRICHLOROETHENE
NS	NOT SAMPLED

0' 400' 800' 1,200'

STATE OF TEXAS
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4/23/20

FIGURE 24

Wood Environment & Infrastructure Solutions, Inc.
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Austin, TX 78704

wood.

El Campo Aluminum Facility
El Campo, Texas

TRICHLOROETHENE
GROUNDWATER PCLE ZONE
BETWEEN 2017 and 2019 - C-ZONE

DATE: MARCH 2020
SCALE: 1" = 800'
PROJECT NO.: 0126200001
FIGURE: 25

DRAWN BY: BRJ CHECKED BY: -

K:\AMEC US OFFICES\Austin\0126200001 - El Campo Aluminum\dwg_2019_Annual_Report\Figures 22-25 TCE Isoconcentration Maps PCLE Zone 2017-2019.dwg - 25 - ZONE C - Apr. 20, 2020 9:15am - brian.johnson

Appendix A

Notification Certification and Table

APPENDIX A

STATEMENT OF NOTIFICATION
2019 Annual Groundwater Monitoring Report
Former El Campo Aluminum Facility
El Campo, Texas

Pursuant to the Texas Risk Reduction Program (TRRP), Section 350.55(a) of the Texas Administrative Code, notification letters were sent via Certified U. S. Mail with Return Receipt Requested to off-site property owners listed in the attached table. The recipients own property in or near the affected groundwater zone described in the attached groundwater monitoring report.

Craig C. Macon, PG

SWORN TO AND SUBSCRIBED before me on this the 22nd day of April 2020.

Notary Public in and for State of Texas

KELLY SUE MACK
Notary Public, State of Texas
Comm. Expires 09-04-2022
Notary ID 12408160-0

Parties Receiving Direct Notice

	Property Owner Last Name	Property Owner First Name	Physical Property Address	City and Zip	Property Owner Mailing Address	Property Owner City, State, Zip	2019 Notification Letter Sent
1	Allgayer	David	902 Gladys St.	El Campo, TX 77437	13031 FM 2546 Road	El Campo, TX 77437	4/23/2020
2	Swanson	Delbur	CR 308	El Campo, TX 77437	2105 CR 351	El Campo, TX 77437	4/24/2020
3	Silverback Custom Coating, LLC	Daniel Gibson	26700 US 59	El Campo, TX 77437	P.O. Box 751	Midland, TX 79705	4/21/2020
4	Outdoor Depot LLC		408 S Meadow Lane	El Campo, TX 77437	P.O. Box 1574	El Campo, TX 77437	4/21/2020
5	Vincent J. Reina Family Trust		Hwy 59/CR 306	El Campo, TX 77437	580 Maxim Dr.	Boling, TX 77420	4/23/2020
6	Doyle	Charles	413 S Meadow LN	El Campo, TX 77437	PO Box 1597	El Campo, TX 77437	4/23/2020
7	Gomez	Mateo	Murray Road	El Campo, TX 77437	721 Alice St.	El Campo, TX 77437	4/16/2020
8	Gwosdz	Ronald	918 Palacios St.	El Campo, TX 77437	PO Box 1263	El Campo, TX 77437	4/16/2020
9	Ellis	Margaret	1548 Thrift St.	El Campo, TX 77437	PO Box 1425	El Campo, TX 77437	4/16/2020
10	Powers	David & Donna	737 Charlene St.	El Campo, TX 77437	737 Charlene St.	El Campo, TX 77437	4/22/2020
11	Rodriguez	Ray & Juanita	Agnes St.	El Campo, TX 77437	906 CR 255	Ganado, TX 77962	4/16/2020
12	Miller	Gabriel & Colleen	1948 FM 1163	El Campo, TX 77437	3405 Myatt Lane	El Campo, TX 77437	4/16/2020
13	Everts	Tomi Jo	1218 John	El Campo, TX 77437	254 Brent	El Campo, TX 77437	4/16/2020
14	TexOak Land LLC		S Meadow LN	El Campo, TX 77437	8390 Bellaire Blvd.	Sugar Land, TX 77498	4/16/2020
15	Malik	Augie	102 Henson St.	El Campo, TX 77437	102 Henson St.	El Campo, TX 77437	4/16/2020
16	Duran	Jesse & Ramona	Henson St.	El Campo, TX 77437	11575 Favila Rd.	Socorro, TX 79927	4/16/2020
17	Hopper	Robert, Jr.	174 Henson St.	El Campo, TX 77437	174 Henson St.	El Campo, TX 77437	4/16/2020
18	Marek	Patrick C	202 Henson St.	El Campo, TX 77437	202 Henson St.	El Campo, TX 77437	4/16/2020
19	Debo	Arturo & Robyn	568 Becky St.	El Campo, TX 77437	PO Box 403	El Campo, TX 77437	4/16/2020
20	Escamilla	Tony	Henson St.	El Campo, TX 77437	410 E Watt Blvd.	El Campo, TX 77437	4/16/2020
21	Burns	Jennifer	264 Henson St.	El Campo, TX 77437	264 Henson St.	El Campo, TX 77437	4/16/2020
22	Kulcak	Edwin	288 Henson St.	El Campo, TX 77437	788 Charlene St.	El Campo, TX 77437	4/16/2020
23	Lyford	Stephen	332 Henson St.	El Campo, TX 77437	332 Henson St.	El Campo, TX 77437	4/16/2020
24	Laitkep	Allen & Pamela	538 Becky St.	El Campo, TX 77437	538 Becky St.	El Campo, TX 77437	4/16/2020
25	Drapela	Ned & Carol	510 Becky St.	El Campo, TX 77437	510 Becky St.	El Campo, TX 77437	4/16/2020
26	Miller	David & Roxanne	472 Becky St.	El Campo, TX 77437	472 Becky St.	El Campo, TX 77437	4/16/2020
27	Heinold	Richard	406 Becky St.	El Campo, TX 77437	406 Becky St.	El Campo, TX 77437	4/16/2020
28	Cantu	Armando & Maria	310 Becky St.	El Campo, TX 77437	P.O. Box 802	El Campo, TX 77437	4/16/2020
29	Frank Flores & Brandy Molina		343 Agnes St.	El Campo, TX 77437	343 Agnes St.	El Campo, TX 77437	4/16/2020
30	Cabrera	Manuel Diaz	1318 Muncy St.	El Campo, TX 77437	P.O. Box 802	Katy, TX 77942	4/16/2020
31	Garza	Antonio	385 Agnes St.	El Campo, TX 77437	385 Agnes St.	El Campo, TX 77437	4/16/2020
32	Castro	Rosalinda	457 Agnes St.	El Campo, TX 77437	457 Agnes St.	El Campo, TX 77437	4/16/2020
33	Benavidez	Susanna & Alaina	495 Agnes St.	El Campo, TX 77437	495 Agnes St.	El Campo, TX 77437	4/16/2020
34	Rice	James and Laurie	539 Agnes St.	El Campo, TX 77437	539 Agnes St.	El Campo, TX 77437	4/16/2020
35	Wisdom	Mary H	581 Agnes	El Campo, TX 77437	24917 Lazy Pine Drive	Huffman, TX 77336	4/16/2020
36	Perez	Juan & Mary	536 Agnes St.	El Campo, TX 77437	536 Agnes St.	El Campo, TX 77437	4/16/2020
37	James Williams & Sofia Garcia		405 E Strand	El Campo, TX 77437	32614 Westminster Dr	Fulshear, TX 77441	4/16/2020
38	Cano	Richard & Gertrude	Agnes St.	El Campo, TX 77437	405 Ave E	El Campo, TX 77437	4/16/2020
39	Thonsgaard	Kathleen	410 Agnes St.	El Campo, TX 77437	P,O. Box 671	El Campo, TX 77437	4/16/2020
40	Cadriel	Bobby & Delores	368 Agnes St.	El Campo, TX 77437	368 Agnes St.	El Campo, TX 77437	4/16/2020
41	Ochoa	Irma	336 Agnes St.	El Campo, TX 77437	336 Agnes St.	El Campo, TX 77437	4/16/2020
42	Gallardo	Alfredo	Agnes St.	El Campo, TX 77437	1218 Muncy St.	El Campo, TX 77437	4/16/2020
43	Pena	Alfredo & Valerie	Murray Road	El Campo, TX 77437	205 CR 306 RD	El Campo, TX 77437	4/16/2020
44	Kulcak	Wesley & Megan	295 Murray Rd	El Campo, TX 77437	295 CR 306	El Campo, TX 77437	4/16/2020
45	Kahanek	Dwayne	345 Murray Rd.	El Campo, TX 77437	345 CR306	El Campo, TX 77437	4/16/2020
46	Bernal	Roman	Murray Road	El Campo, TX 77437	PO Box 1972	Victoria, TX 77902	4/16/2020
47	Welcome	Annette	433 Murray Rd	El Campo, TX 77437	433 CR 306*	El Campo, TX 77437	4/16/2020
48	Martinez	Venserlado & Adelma	467 Murray Rd	El Campo, TX 77437	467 Cr 306	El Campo, TX 77437	4/16/2020
49	Schnurpel	Martin	527 Murray Rd.	El Campo, TX 77437	602 Peach St.	El Campo, TX 77437	4/16/2020
50	Atchetee	Evon	619 CR 306	El Campo, TX 77437	619 CR 306	El Campo, TX 77437	4/16/2020
51	Socha	Kenneth	671 Murray Rd	El Campo, TX 77437	111 Turek St	El Campo, TX 77437	4/22/2020
52	Secretary of Veterens Affair		101 White Wing Trail	El Campo, TX 77437	3401 West End Ave. #760W	Nashville, TN 37203	4/16/2020
53	Kennedy	Gene	103 White Wing Trail	El Campo, TX 77437	103 White Wing Trail	El Campo, TX 77437	4/16/2020
54	Baklik	Brian	107 White Wing Trail	El Campo, TX 77437	107 White Wing Trail	El Campo, TX 77437	4/16/2020
55	Wied	Kevin	201 White Wing Trail	El Campo, TX 77437	109 White Wing Trail	El Campo, TX 77437	4/16/2020
56	Reid Nubenak & Macy Perrish		102 White Wing Trail	El Campo, TX 77437	764 Kenwood Trail	El Campo, TX 77437	4/16/2020
57	Martinez	Raul	White Wing Trail	El Campo, TX 77437	PO Box 1456	El Campo, TX 77437	4/16/2020
58	Leopold	Greg & Amanda	106 White Wing Trail	El Campo, TX 77437	106 White Wing Trail	El Campo, TX 77437	4/22/2020
59	Pedro Mendez & Magali Rojas		Thrift Street	El Campo, TX 77437	1108 Thrift St	El Campo, TX 77437	4/16/2020
60	Gentry	Mitchell& Yesenia	110 White Wing Trail	El Campo, TX 77437	110 White Wing Trail	El Campo, TX 77437	4/16/2020
61	Moreno	Ricky & Carrie	1403 Lily St.	El Campo, TX 77437	PO Box 398	Louise, TX 77455	4/21/2020
62	Alvarez	Hector & Ignacia	1102 Thrift St.	El Campo, TX 77437	1102 Thrift St.	El Campo, TX 77437	4/21/2020
63	Jaramillo	Jose & Maria	1405 Thrift St.	El Campo, TX 77437	1405 Thrift St.	El Campo, TX 77437	4/16/2020
64	Bullock	Clydet	1407 Thrift St.	El Campo, TX 77437	407-a Ricebird Lane	El Campo, TX 77437	4/16/2020
65	Johnson	Rosa	1411 Thrift St.	El Campo, TX 77437	1411 Thrift St.	El Campo, TX 77437	4/16/2020
66	Adams	Belinda	1310 Vallejo St.	El Campo, TX 77437	7707 Avery Road	Live Oak, TX 78233	4/16/2020
67	Alquisira	Victor	1318 Vallejo St.	El Campo, TX 77437	834 CR 408	El Campo, TX 77437	4/16/2020
68	Garcia	Raul	1478 Prosperity St.	El Campo, TX 77437	502 South Liberty St.	El Campo, TX 77437	4/16/2020
69	Reyna	Robert	1414 Prosperity St.	El Campo, TX 77437	26532 US 59	El Campo, TX 77437	4/16/2020
70		Desmond	Murray Rd.	El Campo, TX 77437	12314 Glenmeadow Dr.	Stafford, TX 77477-2239	4/16/2020
71	Hawkins	Tanda	1329 Vallejo St.	El Campo, TX 77437	1329 Vallejo St.	El Campo, TX 77437	4/16/2020
72	Hawkins	Jimmy	1309 Vallejo St.	El Campo, TX 77437	1329 Vallejo St.	El Campo, TX 77437	4/16/2020
73	Jones	Dianne	Vallejo St.	El Campo, TX 77437	RT. 1 Box 306-E	El Campo, TX 77437	4/16/2020
74	Williams	Mickey	1305 Vallejo St.	El Campo, TX 77437	2703 Knoxville Dr.	El Campo, TX 77437	4/16/2020
75	Johnson	Ira	1504 Prosperity St.	El Campo, TX 77437	10834 Bradford Way	Houston, TX 77075	4/16/2020
76	Williams	Naomi	1304 Murray Rd.	El Campo, TX 77437	228 CR 306	El Campo, TX 77437	4/16/2020
77	Murray	Elmer	Murray Rd.	El Campo, TX 77437	P.O. Box 298	Louise, TX 77455	4/16/2020
78	Sauls	Athylene	Murray Rd.	El Campo, TX 77437	1218 Lilly St.	El Campo, TX 77437	4/16/2020
79	Hudlin	Jacquelin	Murray Rd.	El Campo, TX 77437	305 S Mechanic St.	El Campo, TX 77437	4/16/2020
80	Soliz	Ashley	Thrift St.	El Campo, TX 77437	9207 Sabastian Dr.	Houston, TX 77083	4/16/2020
81	Soliz	Josephine	1426 Thrift St.	El Campo, TX 77437	1426 Thrift St.	El Campo, TX 77437	4/16/2020
82	Soliz	Joe	1414 Thrift St.	El Campo, TX 77437	1414 Thrift St.	El Campo, TX 77437	4/16/2020
83	Ellis	Craig & Margaret	Murray	El Campo, TX 77437	PO Box 1425	El Campo, TX 77437	4/16/2020
84	Kilgore	Nathan	1601 Palacios St.	El Campo 77437	1601 Palacios St.	El Campo, TX 77437	4/16/2020
85	State of Texas		Thrift St.	El Campo, TX 77437	125 E. 11th St	Austin, Texas 78701	4/16/2020
86	Swanson	M.C.	Hwy 59	El Campo, TX 77437	2204 Hutchins Ln.	El Campo, TX 77437	4/16/2020

Parties Receiving Direct Notice

	Property Owner Last Name	Property Owner First Name	Physical Property Address	City and Zip	Property Owner Mailing Address	Property Owner City, State, Zip	2019 Notification Letter Sent
87	Hoffman	Sheila	[illegible]	El Campo, TX 77437	219 E. Milam, Ste A	Wharton, TX 77488	4/16/2020
88	Nohavitza	Clay	311 S Meadow LN	El Campo, TX 77437	311 S Meadow LN	El Campo, TX 77437	4/16/2020
89	Alvarez	Jesus & Maria	Gladys St.	El Campo, TX 77437	PO Box 120	Louise, TX 77455	4/16/2020
90	Krutilek	Steven	1312 Lily St.	El Campo, TX 77437	1312 Lily St.	El Campo, TX 77437	4/16/2020
91	El Campo Refrigeration & Restaurant		601 S Meadow Ln.	El Campo,TX 77437	P.O. Box 1645	El Campo, TX 77437	4/16/2020
92	Housing Authority of El Campo		1303 Delta St.	El Campo, TX 77437	1303 Delta St.	El Campo, TX 77437	4/16/2020
93	c/o Ms. Kight		S Meadow LN	El Campo, TX 77437	304 Oscar	El Campo, TX 77437	4/16/2020
94	Cormier	David	26544 S Hwy 59	El Campo, TX 77437	PO Box 327	El Campo, TX 77437	4/16/2020
95	Reyna	Remigia	1702 Hwy 59	El Campo, TX 77437	26532 US 59 Rd	El Campo, TX 77437	4/16/2020
96	Diamond Cleaning Equip.	John Knudsen	Ln	El Campo, TX 77437	PO Box 1512	El Campo, TX 77437	4/16/2020
97	McCarty Acres LLC		1514 Hwy 59	El Campo, TX 77437	10516 Kipp Way Dr. Unit D	Houston, TX 77099	4/16/2020
98	Holmes	Linda	1307 Vallejo St.	El Campo, TX 77437	PO Box 159	Louise, TX 77455	4/16/2020
99	Luycx	Mark	1320 John St.	El Campo, TX 77437	P.O. Box 142	El Campo, TX 77437	4/22/2020
100	Ortiz	Raul & Maria	1317 Lilly St.	El Campo, TX 77437	1317 Lilly St.	El Campo, TX 77437	4/21/2020
101	Capak	Gary & Raquel	720 S. Meadow Ln.	El Campo, TX 77437	100 Whitewing Trail	El Campo, TX 77437	4/16/2020
102	Vasquez	Teresa & Lupe	249 Agnes	El Campo, TX 77437	249 Agnes	El Campo, TX 77437	4/16/2020
103	Gulf Coast Ready Mix Co		720 S Meadow Ln	El Campo, TX 77437	720 S Meadow Ln	El Campo, TX 77437	4/16/2020
104	Hernandez	Eleazar	S Meadow LN	El Campo, TX 77437	PO Box 1021	El Campo, TX 77437	4/16/2020
105	Haynes	Larry	S Meadow LN	El Campo, TX 77437	1069 Loose Cow Road	Garwood, TX 77442	4/16/2020
106	Webe Trucking, Inc		26292 Hwy 59	El Campo, TX 77437	P.O.Box 1631	El Campo, TX 77437	4/16/2020
107	Garcia	Manuel	8926 Path Green Dr.	Houston, TX 77095	586 Agnes St.	El Campo, TX 77437	4/16/2020
108	Mollnar & Bouligny	R & J	White Wing Trail	El Campo, TX 77437	PO Box 1567	El Campo, TX 77437	4/16/2020
109	Speedon	Tom	Hwy 59	El Campo, TX 77437	2501 East Locust Ave	Victoria, TX 77901	4/16/2020
110	Rodriguez	Aaron R & Rosa I	Hwy 59	El Campo, TX 77437	11033 Christian Dr.	Houston, Texas 77044	4/16/2020
111	Trejo	Gabriel & Maria	382 Henson St.	El Campo, TX 77437	382 Henson St.	El Campo, TX 77437	4/16/2020
112	Manzano	Paul	406 Candy St.	El Campo, TX 77437	472 Candy St.	El Campo, TX 77437	4/16/2020
113	Mendez, Pedro	Magali Rojas	1108 Thrift Ave	El Campo, TX 77437	2313 Colgate	Lubbock, TX 79415	4/21/2020
114	Kyle	Jahn	404 Candy	El Campo, TX 77437	452 Candy St.	El Campo, TX 77437	4/16/2020
115	Gonzalez	Raul	White Wing Trail	El Campo, TX 77437	202 Whitewing Trail	El Campo, TX 77437	4/16/2020
116	Hermis	Mary Ester	507 Becky St.	El Campo, TX 77437	1605 Michael	El Campo, TX 77437	4/16/2020
117	Corporon	Carl & Katherine	508 Candy St	El Campo, TX 77437	P.O. Box 1593	El Campo, TX 77437	4/21/2020
118	Kirchner	Geraldine	548 Henson St.	El Campo, TX 77437	548 Henson St.	El Campo, TX 77437	4/21/2020
119	Soliz	Christine	Whitewing Trail	El Campo, TX 77437	206 Whitewing Trail	El Campo, TX 77437	4/16/2020
120	Montavalo	Robert	307 Agmes	El Campo, TX 77437	281 Agnse St.	El Campo, TX 77437	4/16/2020
121	Ozuna	Rodolfo & Lynette	467 Candy St.	El Campo, TX 77437	467 Candy St.	El Campo, TX 77437	4/16/2020
122	Poncik	Clinton	464 Henson St.	El Campo, TX 77437	464 Henson St.	El Campo, TX 77437	4/16/2020
123	Poncik	Ronald	247 Henson St.	El Campo, TX 77437	PO Box 445	El Campo, TX 77437	4/16/2020
124	Ramos, Jr.	Joe	519 Becky St.	El Campo, TX 77437	519 Becky St.	El Campo, TX 77437	4/16/2020
125	Rodriguez	Ray	Agnes St.	El Campo, TX 77437	906 CR 255	Ganado, TX 77962	4/16/2020
126	Luis Medrano & Maria Vargas		303 Whitewing Trail	El Campo, TX 77437	303 Whitewing Tr.	El Campo, TX 77437	4/16/2020
127	Ryan Services, Inc.	Michael Ryan	26620 US 59	El Campo, TX 77437	PO Box 348	El Campo, TX 77437	4/16/2020
128	Stepan	Emil	1601 Palacios St.	El Campo, TX 77437	P.O. Box 304	El Campo, TX 77437	4/16/2020
129	Smith	Larry & Erica	496 Candy St.	El Campo, TX 77437	496 Candy St.	El Campo, TX 77437	4/16/2020
130	Three Griffins LLC		26620 US 59	El Campo, TX 77437	PO Box 348	El Campo, TX 77437	4/16/2020
131	Staff	Tommy & Elizabeth	306 White Wing Trail	El Campo, TX 77437	306 White Wing Trail	El Campo, TX 77437	4/16/2020
132	Staff Family Living Trust		White Wing Trail	El Campo, TX 77437	586 Henson St.	El Campo, TX 77437	4/16/2020
133	Rock N Properties		528 Charlene	El Campo, TX 77437	P.O. Box 27	El Campo, TX 77437	4/16/2020
134	Wars of the US	Elvie Bram	773 Murray Rd	El Campo, TX 77437	PO BOX 14468	El Campo, TX 77437	4/16/2020
135	Wall	Mike	210 White Wing Trail	El Campo, TX 77437	210 White Wing Trail	El Campo, TX 77437	4/16/2020
136	Cochrum	Lavonne	203 Whitewing Trail	El Campo 77437	2706 Sue Street	El Campo, TX 77437	4/16/2020
137	Priesmeyer	Arthur	FM1163	El Campo, TX 77437	2636 S SH 71 Hwy	El Campo, TX 77437	4/23/2020
138	Ott	Monica	221 Whitewing Trail	El Campo 77437	211 Whitewing Trail	El Campo, TX 77437	4/21/2020
139	Matlock	Patrick & Crystall	156 Whitewing Trail	El Campo 77437	156 Whitewing Trail	El Campo, TX 77437	4/22/2020
140	Seaman	Douglas	207 Whitewing Trail	El Campo 77437	207 Whitewing Trail	El Campo, TX 77437	4/16/2020
141	Bard	Wayne	CR303	El Campo, TX 77437	1310 Linnwood	El Campo, TX 77437	4/16/2020
142	Von Tress	Lila Rae Bard	CR303	El Campo, TX 77437	#2 Palm Place	Angleton, TX 77515	4/16/2020
143	Soliz	Ashley	Thrift	El Campo, TX 77437	9207 Sabastian Dr.	Houston, TX 77063	4/16/2020
144	Carl O' Neil Branch Manager, Pollution Prevention and Abatement Branch Environmental Affairs, TxDOT 125 E. 11th Street Austin, Texas 78701-2483				25 E. 11th Street	Austin, Texas 78701	4/16/2020
145	Rodney T. Concienne Branch Manager, Pollution Prevention and Abatement Branch Environmental Affairs, TxDOT 125 E. 11th Street Austin, Texas 78701				25 E. 11th Street	Austin, Texas 78701	4/16/2020
146	Ms. Mindi Snyder, City Manager, City of El Campo 315 East Jackson, El Campo, TX 77437				315 East Jackson	El Campo, TX 77437	4/16/2020
147	Mr. Andy Orrell, Wharton County Electric Cooperative P.O. Box 31, El Campo, TX 77437				P.O. Box 31	El Campo, TX 77437	4/16/2020
148	Mr. Justin Suchecki, Environmental Programs, CenterPoint Energy 1111 Louisiana Street, Houston, TX 77002-5230				1111 Louisiana Street	Houston, TX 77002-5230	4/22/2020
149	Ms. Lori Hollingsworth, City Secretary, City of El Campo 315 East Jackson, El Campo, TX 77437				315 East Jackson	El Campo, TX 77437	4/16/2020
150	Ms. Sandra K. Sanders, County Clerk, Wharton County P.O. Box 69, Wharton, TX 77488				P.O. Box 69	Wharton, TX 77488	4/16/2020
151	Nancy Hutton, Environmental American Electric Power P.O. Box 2121, Corpus Christi, TX 78403				PO Box 2121	Corpus Christi, TX 78403	4/16/2020
152	Mr. Steven Goetsch, Commissioner of Precinct 3 Wharton County 1271 CR 358, El Campo, Texas 77437				1271 CR 358	El Campo, TX 77437	4/16/2020

Appendix B

Groundwater Analytical Laboratory Reports and Analytical Data Usability Summaries